2023 Edition

By Category PDF

Category Diodes

Discrete Devices

Diodes Di

Diodes

Schottky Barrier Diodes

●Quick Reference for Small Signal Type Schottky Barrier Diodes

V_R (V)	I_O (mA)	Surface Mount type											
		0402 size		0603 size				1006 size					
													
		DSN0402-2 (SMD0402)		DSN0603-2 (SMD0603)		DSN0603-2 (SMD0603B)		DSN1006-2 (SMD1006)		SOD-923 (VMN2M)		DFN1006-2W	
20	500											☆RB551ASA-30	19
	2,000							RASMID™ RB061QS-20	5				
30	30									RB751CM-40	8	New RB751ASA-40	20
	100	RASMID™ RB522FS-30	1	RASMID™ RB522ES-30	2					RB520CM-30 RB521CM-30 RB530CM-30 RB531CM-30	9 10 11 12		
	200					RASMID™ RB520HS-30 RASMID™ RB532HS-30	3 4					New RB520ASA-30 New RB521ASA-30	21 22
	500											☆RB550ASA-30	23
40	100									RB530CM-40 RB531CM-40 RB520CM-40 RB521CM-40	13 14 15 16		
	200											New RB520ASA-40	24
	1,000							RASMID™ RB161QS-40	6				
	1,500							RASMID™ RB160QS-40	7				
60	100									RB530CM-60 RB520CM-60	17 18		

◎RASMID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.
RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.
Note: Package is JEDEC code. ( ): ROHM Packages.

☆: Under Development

Schottky Barrier Diodes

●Quick Reference for Small Signal Type Schottky Barrier Diodes

V_R (V)	I_O (mA)	Surface Mount type													
		1608 size		2512 size		2514 size		1616 size		2120 size				2924 size	
															
		SOD-523 (EMD2) [SC-79]		SOD-323FL (UMD2) [SC-90A]		SOD-323HE (TUMD2M) [SC-108B]		SOT-416FL (EMD3F) [SC-89]		SOT-323FL (UMD3F) [SC-85]		SOT-323 (UMD3) [SC-70]		SOT-23 (SSD3)	
20	500			RB551VM-30	43	RB411VAM-50	68								
	700											RB461FM	123		
	1,000					RB162VAM-20 RB161VAM-20 RBE1VAM20A	69 70 71								
	2,000					RBE2VAM20A	72								
30	30	RB751SM-40	25	RB751VM-40	44										
	100	RB510SM-30 RB511SM-30 RB500SM-30 RB501SM-30	26 27 28 29	RB510VM-30 RB530VM-30 RB511VM-30 RB531VM-30	45 46 47 48			RB548WM RB557WM RB558WM	114 108 115						
	200	RB520SM-30 RB521SM-30 RB530SM-30 RB531SM-30	30 31 32 33	RB520VM-30 RB521VM-30 RB540VM-30 RB541VM-30	49 50 51 52									BAT54CHY BAT54AHY BAT54SHY BAT54HY	106 112 119 125
	500			RB550VM-30	53	RSX051VAM30 RSX051VYM30	73 74								
	700					RSX071VAM30 RSX071VYM30	75 76								
	1,000					RB168VAM-30 RB168VYM-30 RB550VAM-30 RB550VYM-30 RSX101VAM30 RSX101VYM30	77 78 79 80 81 82								
	1,500					RSX201VAM30 RSX201VYM30	83 84								
40	30							RB715WM RB706WM-40	102 116	RB715UM RB717UM RB706UM-40	103 109 117	RB706FM-40 RB715FM-40	111 105		
	80											RB508FM-40 RB508FM-40S RB508FM-40A RB508FM-40C	124 118 110 104		
	100	RB510SM-40 RB511SM-40 RB530SM-40 RB531SM-40	34 35 36 37	RB510VM-40 RB511VM-40 RB530VM-40 RB531VM-40 RB500VM-40 RB501VM-40	54 55 56 57 58 59					RB451UM RB450UM	121 122				
	120													BAS40-05HY BAS40-06HY BAS40-04HY BAS40HY	107 113 120 126
	200	RB540SM-40 RB541SM-40 RB520SM-40 RB521SM-40	38 39 40 41	RB540VM-40 RB541VM-40 RB520VM-40 RB521VM-40 RB550VM-40 RB551VM-40	60 61 62 63 64 65										
	500			RB560VM-40 RB561VM-40	66 67	RB400VAM-50 RB400VYM-50	85 86								
	1,000					RB160VAM-40 RB160VYM-40 RB168VAM-40 RB168VYM-40	87 88 89 90								
60	200	RB521SM-60	42												
	1,000					RB160VAM-60 RB168VAM-60 RB168VYM-60	91 92 93								
90	200					RB021VAM90	94								
100	700					RB578VAM100 RB578VYM100	95 96								
	1,000					RB168VAM100 RB168VYM100	97 98								
150	500					RB558VAM150	99								
	1,000					RB168VAM150 RB168VYM150	100 101								

Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

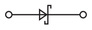
Schottky Barrier Diodes

Example: R B 7 5 1 S M – 4 0 F H T 2 R

Part No. Grade Code Taping Code

Schottky Barrier Diodes

Small Signal Type Schottky Barrier Diodes 1

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM} (A)*2 60Hz.1~	V_F (V) Max	I_F (mA)	I_R (μA) Max	V_R (V)			
		General	Automotive												
1	RASMID™ RB522FS-30	*	–	T27R	30	30	100	0.5	0.37	10	7	10	DSN0402-2 (SMD0402)		–
2	RASMID™ RB522ES-30		–	T15R	30	30	100	0.5	0.37	10	7	10	DSN0603-2 (SMD0603)		–
3	RASMID™ RB520HS-30		–	T15R	30	30	200	1.5	0.43	10	0.3	10	DSN0603-2 (SMD0603B)		–
4	RASMID™ RB532HS-30		–	T15R	30	30	200	1.5	0.3	10	15	10			–
5	RASMID™ RB061QS-20		–	T18R	20	20	2,000	15	0.47	2,000	200	10	DSN1006-2 (SMD1006)		–
6	RASMID™ RB161QS-40		–	T18R	40	40	1,000	7	0.6	1,000	100	10			–
7	RASMID™ RB160QS-40		–	T18R	40	40	1,500	10	0.65	1,500	1	10			–
8	RB751CM-40		–	T2R	40	30	30	0.2	0.37	1	0.5	30	SOD-923 (VMN2M)		–
9	RB520CM-30		–	T2R	–	30	100	0.5	0.45	10	0.5	10			–
10	RB521CM-30		–	T2R	–	30	100	0.5	0.35	10	10	10			–
11	RB530CM-30		–	T2R	30	30	100	0.5	0.46	10	0.3	10			–
12	RB531CM-30		–	T2R	30	30	100	0.5	0.37	10	7	10			–
13	RB530CM-40		–	T2R	40	40	100	0.5	0.48	10	2	40			–
14	RB531CM-40		–	T2R	40	40	100	0.5	0.41	10	25	40			–
15	RB520CM-40		–	T2R	40	40	100	1	0.71	100	15	40			–
16	RB521CM-40		–	T2R	40	40	100	1	0.61	100	100	40			–
17	RB530CM-60		–	T2R	60	60	100	0.2	0.54	10	1	60			–
18	RB520CM-60		–	T2R	60	60	100	0.5	0.44	10	3	60			–
19	☆RB551ASA-30	–	FH	T2RB	30	20	500	1	0.47	500	100	20	DFN1006-2W		YES
20	New RB751ASA-40		FH	T2RB	40	30	30	0.2	0.37	1	0.5	30			YES
21	New RB520ASA-30		FH	T2RB	30	30	200	1	0.58	200	1	10			YES
22	New RB521ASA-30		FH	T2RB	30	30	200	1	0.47	200	30	10			YES
23	☆RB550ASA-30		FH	T2RB	30	30	500	1	0.59	500	35	30			YES
24	New RB520ASA-40		FH	T2RB	40	40	200	1	0.55	100	10	40			YES
25	RB751SM-40	*	FH	T2R	40	30	30	0.2	0.37	1	0.5	30	SOD-523 (EMD2) [SC-79]		YES
26	RB510SM-30		–	T2R	30	30	100	0.5	0.46	10	0.3	10			–
27	RB511SM-30		–	T2R	30	30	100	0.5	0.37	10	7	10			–
28	RB500SM-30		FH	T2R	30	30	100	1	0.45	10	0.5	10			YES
29	RB501SM-30		FH	T2R	30	30	100	1	0.35	10	10	10			YES
30	RB520SM-30		FH	T2R	–	30	200	1	0.58	200	1	10			YES
31	RB521SM-30		FH	T2R	–	30	200	1	0.47	200	30	10			YES
32	RB530SM-30		FH	T2R	–	30	200	1	0.45	10	0.5	10			YES
33	RB531SM-30		FH	T2R	–	30	200	1	0.35	10	10	10			YES
34	RB510SM-40		FH	T2R	40	40	100	0.5	0.48	10	2	40			YES
35	RB511SM-40		–	T2R	40	40	100	0.5	0.41	10	25	40			–
36	RB530SM-40		FH	T2R	40	40	100	1	0.71	100	15	40			YES
37	RB531SM-40		–	T2R	40	40	100	1	0.61	100	100	40			–
38	RB540SM-40		–	T2R	40	40	200	1	0.71	100	15	40			–
39	RB541SM-40		–	T2R	40	40	200	1	0.61	100	100	40			–
40	RB520SM-40		FH	T2R	45	40	200	1	0.55	100	10	40			YES
41	RB521SM-40		FH	T2R	45	40	200	1	0.54	200	90	40			YES
42	RB521SM-60		FH	T2R	60	60	200	1	0.6	200	100	60			YES

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☆: Under Development

*General Part No. have no grade code.

*1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.

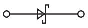
*2 Value/Chip

Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Schottky Barrier Diodes

Schottky Barrier Diodes
Example: RB521VM-30 FH TE-17
Part No. Grade Code Taping Code

Small Signal type Schottky Barrier Diodes 2

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM} (A)*2 60Hz.1∾	V_F (V) Max		I_R (µA) Max				
		General	Automotive							I_F (mA)		V_R (V)			
43	RB551VM-30	*	–	TE-17	30	20	500	2	0.47	500	100	20	SOD-323FL (UMD2) [SC-90A]		–
44	RB751VM-40		FH	TE-17	40	30	30	0.2	0.37	1	0.5	30			YES
45	RB510VM-30		FH	TE-17	30	30	100	0.5	0.46	10	0.3	10			YES
46	RB530VM-30		FH	TE-17	30	30	100	0.5	0.45	10	0.5	10			YES
47	RB511VM-30		–	TE-17	30	30	100	0.5	0.37	10	7	10			–
48	RB531VM-30		–	TE-17	30	30	100	1	0.49	100	10	10			–
49	RB520VM-30		FH	TE-17	30	30	200	1	0.58	200	1	10			YES
50	RB521VM-30		FH	TE-17	30	30	200	1	0.47	200	30	10			YES
51	RB540VM-30		–	TE-17	30	30	200	1	0.45	10	0.5	10			–
52	RB541VM-30		–	TE-17	30	30	200	1	0.64	200	10	10			–
53	RB550VM-30		–	TE-17	30	30	500	1	0.59	500	35	30			–
54	RB510VM-40		–	TE-17	40	40	100	0.5	0.48	10	2	40			–
55	RB511VM-40		–	TE-17	40	40	100	0.5	0.41	10	25	40			–
56	RB530VM-40		FH	TE-17	40	40	100	1	0.69	100	15	40			YES
57	RB531VM-40		–	TE-17	40	40	100	1	0.61	100	100	40			–
58	RB500VM-40		FH	TE-17	45	40	100	1	0.45	10	1	10			YES
59	RB501VM-40		FH	TE-17	45	40	100	1	0.55	100	30	10			YES
60	RB540VM-40		–	TE-17	40	40	200	1	0.71	100	15	40			–
61	RB541VM-40		–	TE-17	40	40	200	1	0.61	100	100	40			–
62	RB520VM-40		FH	TE-17	40	40	200	1	0.55	100	10	40			YES
63	RB521VM-40		FH	TE-17	40	40	200	1	0.54	200	90	40			YES
64	RB550VM-40		–	TE-17	40	40	200	1	0.51	200	40	40			–
65	RB551VM-40		FH	TE-17	40	40	200	1	0.43	200	300	40			YES
66	RB560VM-40		FH	TE-17	40	40	500	2	0.64	500	40	40			YES
67	RB561VM-40		–	TE-17	40	40	500	2	0.56	500	300	40			–
68	RB411VAM-50		–	TR	50	20	500	3	0.5	500	30	10	SOD-323HE (TUMD2M) [SC-108B]		–
69	RB162VAM-20		–	TR	25	20	1,000	5	0.4	1,000	1,200	20			–
70	RB161VAM-20		–	TR	30	20	1,000	5	0.42	1,000	1,000	20			–
71	RBE1VAM20A		–	TR	30	20	1,000	3	0.53	1,000	200	20			–
72	RBE2VAM20A		–	TR	30	20	2,000	5	0.46	2,000	700	20			–
73	RSX051VAM30		–	TR	30	30	500	5	0.39	500	200	30			–
74	RSX051VYM30	–	FH	TR	30	30	500	5	0.39	500	200	30			YES
75	RSX071VAM30	*	–	TR	30	30	700	5	0.42	700	200	30			–
76	RSX071VYM30	–	FH	TR	30	30	700	5	0.42	700	200	30			YES
77	RB168VAM-30	*	–	TR	30	30	1,000	5	0.73	1,000	0.3	30			–
78	RB168VYM-30	–	FH	TR	30	30	1,000	5	0.73	1,000	0.3	30			YES
79	RB550VAM-30	*	–	TR	30	30	1,000	5	0.52	1,000	30	10			–
80	RB550VYM-30	–	FH	TR	30	30	1,000	3	0.52	1,000	30	10			YES
81	RSX101VAM30	*	–	TR	30	30	1,000	5	0.47	1,000	200	30			–
82	RSX101VYM30	–	FH	TR	30	30	1,000	5	0.47	1,000	200	30			YES
83	RSX201VAM30	*	–	TR	30	30	1,500	8	0.46	1,500	300	30			–
84	RSX201VYM30	–	FH	TR	30	30	1,500	8	0.46	1,500	300	30			YES
85	RB400VAM-50	*	–	TR	50	40	500	3	0.55	500	50	30			–
86	RB400VYM-50	–	FH	TR	50	40	500	3	0.55	500	50	30			YES

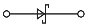
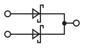
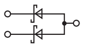
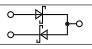
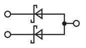
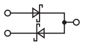
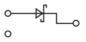
*General Part No. have no grade code.
*1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.
*2 Value/Chip
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Schottky Barrier Diodes

Example: RB168VYM−60 FH TR

Part No. | Grade Code | Taping Code

Small Signal type Schottky Barrier Diodes 3

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)*2				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (mA)	I_{FSM} (A)*2 60Hz.1∿	V_F (V) Max		I_R (µA) Max				
		General	Automotive							I_F (mA)		V_R (V)			
87	**RB160VAM-40**	*	–	TR	40	40	1,000	10	0.55	700	50	40	SOD-323HE (TUMD2M) [SC-108B]		–
88	**RB160VYM-40**	–	FH	TR	40	40	1,000	10	0.55	700	50	40			YES
89	**RB168VAM-40**	*	–	TR	40	40	1,000	5	0.79	1,000	0.5	40			–
90	**RB168VYM-40**	–	FH	TR	40	40	1,000	5	0.79	1,000	0.5	40			YES
91	**RB160VAM-60**	*	–	TR	60	60	1,000	5	0.67	1,000	40	60			–
92	**RB168VAM-60**	*	–	TR	60	60	1,000	5	0.82	1,000	1	60			–
93	**RB168VYM-60**	–	FH	TR	60	60	1,000	5	0.82	1,000	1	60			YES
94	**RB021VAM90**	*	–	TR	90	90	200	5	0.49	200	900	90			–
95	**RB578VAM100**	*	–	TR	100	100	700	5	0.85	700	0.2	100			–
96	**RB578VYM100**	–	FH	TR	100	100	700	5	0.85	700	0.2	100			YES
97	**RB168VAM100**	*	–	TR	100	100	1,000	5	0.84	1,000	0.3	100			–
98	**RB168VYM100**	–	FH	TR	100	100	1,000	5	0.84	1,000	0.3	100			YES
99	**RB558VAM150**	*	–	TR	150	150	500	3	0.95	500	0.5	150			–
100	**RB168VAM150**	*	–	TR	150	150	1,000	5	0.89	1,000	1	150			–
101	**RB168VYM150**	–	FH	TR	150	150	1,000	5	0.89	1,000	1	150			YES
102	**RB715WM**	*	FH	TL	40	40	30*2	0.2	0.37	1	1	10	SOT-416FL (EMD3F) [SC-89]		YES
103	**RB715UM**	*	–	TL	40	40	30	0.2	0.37	1	1	10	SOT-323FL (UMD3F) [SC-85]		–
104	**RB508FM-40C**	–	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]		YES
105	**RB715FM-40**	*	FH	T106	40	40	30	0.2	0.37	1	1	10			YES
106	**BAT54CHY**		FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
107	**BAS40-05HY**		FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
108	**RB557WM**		–	TL	–	30	100*2	0.5	0.49	100	10	10	SOT-416FL (EMD3F) [SC-89]		–
109	**RB717UM**		–	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F) [SC-85]		–
110	**RB508FM-40A**	–	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]		YES
111	**RB706FM-40**	*	FH	T106	45	40	30	0.2	0.37	1	1	30			YES
112	**BAT54AHY**		FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
113	**BAS40-06HY**		FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
114	**RB548WM**		–	TL	–	30	100*2	0.5	0.45	10	0.5	10	SOT-416FL (EMD3F) [SC-89]		–
115	**RB558WM**		–	TL	–	30	100*2	0.5	0.49	100	10	10			–
116	**RB706WM-40**		–	TL	45	40	30*2	0.2	0.37	1	0.5	30			–
117	**RB706UM-40**		–	TL	45	40	30*2	0.2	0.37	1	1	30	SOT-323FL (UMD3F) [SC-85]		–
118	**RB508FM-40S**	–	FH	T106	40	40	80	1	0.48	1	0.035	30	SOT-323 (UMD3) [SC-70]		YES
119	**BAT54SHY**	*	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
120	**BAS40-04HY**		FH	T116	40	40	120*2	0.6	0.5	10	1	30			YES
121	**RB451UM**		–	TL	40	40	100	1	0.45	100	90	40	SOT-323FL (UMD3F) [SC-85]		–
122	**RB450UM**		–	TL	45	40	100	1	0.55	100	10	40			–
123	**RB461FM**		FH	T106	25	20	700	3	0.49	700	200	20	SOT-323 (UMD3) [SC-70]		YES
124	**RB508FM-40**	–	FH	T106	40	40	80	1	0.48	1	0.035	30			YES
125	**BAT54HY**	*	FH	T116	30	30	200*2	0.6	0.8	100	2	25	SOT-23 (SSD3)		YES
126	**BAS40HY**		FH	T116	40	40	120	0.6	0.5	10	1	30			YES

*General Part No. have no grade code.

*1 I_O: Average output current per chip. In case of 1, 2 or 3 chip diodes. I_O indicates average output current of 1, 2 or 3 chips.

*2 Value/Chip

Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

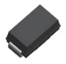
Schottky Barrier Diodes

●Quick Reference for Middle Power Schottky Barrier Diodes (High Efficient type)

V_R (V)	I_O (A)	Surface Mount type															
		2513 size		3516 size						4725 size						5026 size	
																	
		(PMDE)		(PMDU) 〈SOD-123FL〉 [SC-109B]				(PMDUP) 〈SOD-123FL〉		(PMDTP) 〈SOD-128〉		(PMDTM) 〈SOD-128〉				DO-214AC (PMDS) 〈SMA〉	
		Low I_R type		Low V_F/Low I_R type		Low I_R type		Ultra Low I_R type		Ultra Low I_R type		Low V_F/Low I_R type		Low I_R type		Low V_F/Low I_R type	
20	5											**RSX501LAM20**	2				
30	1			**RSX101MM-30**	1												
	2											**RSX201LAM30** **RSX205LAM30**	3 4			**RSX201L-30** **RSX205L-30**	6 7
	3											**RSX301LAM30**	5			**RSX301L-30**	8
100	2	**RBLQ2VWM10**	9			**RBLQ2MM10**	10										
	3													**RBLQ3LAM10**	11		
200	2							New **RSX068MP2S**	12								
	3									New **RSX048LAP2S** New **RSX058LAP2S**	13 14						
	5									New **RSX088LAP2S**	15						

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

●Quick Reference for Middle Power Schottky Barrier Diodes (Standard type)

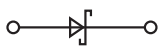
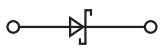
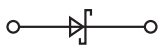
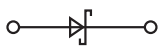
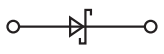
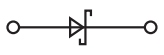
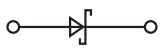
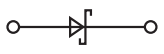
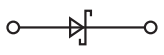
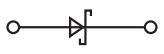
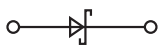
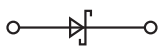
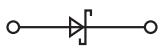
V_R (V)	I_O (A)	Surface Mount type																			
		2513 size				3516 size						4725 size						5026 size			
																					
		(PMDE)				(PMDU) 〈SOD-123FL〉 [SC-109B]						(PMDTM) 〈SOD-128〉						DO-214AC (PMDS) 〈SMA〉			
		Low V_F type		Ultra Low I_R type		Ultra Low V_F type		Low V_F type		Ultra Low I_R type		Ultra Low V_F type		Low V_F type		Ultra Low I_R type		Low V_F type		Ultra Low I_R type	
20	1					**RBS1MM40A**	16					**RBS1LAM40A**	22								
	2					**RBS2MM40A** **RBS2MM40B** **RBS2MM40C**	17 18 19					**RBS2LAM40A** **RBS2LAM40B** **RBS2LAM40C**	23 24 25								
	3					**RBS3MM40A** **RBS3MM40B**	20 21					**RBS3LAM40A** **RBS3LAM40B** **RBS3LAM40C**	26 27 28								
	5											**RBS5LAM40A**	29								
30	1	**RBR1VWM30A**	30	**RB168VWM-30**	91			**RBR1MM30A**	36	**RB168MM-30**	101			**RBR1LAM30A**	52	**RB168LAM-30**	111	**RBR1L30A**	70	**RB168L-30**	131
	2	**RBR2VWM30A**	31	**RB068VWM-30**	92			**RBR2MM30A** **RBR2MM30B**	37 38	**RB068MM-30**	102			**RBR2LAM30A**	53	**RB068LAM-30**	112	**RBR2L30A**	71	**RB068L-30**	132
	3							**RBR3MM30A**	39					**RBR3LAM30A** **RBR3LAM30B**	54 55	**RB058LAM-30**	113	**RBR3L30A** **RBR3L30B**	72 73	**RB058L-30**	133
	5													**RBR5LAM30A** **RBR5LAM30B**	56 57	**RB088LAM-30**	114	**RBR5L30A** **RBR5L30B**	74 75		
40	1	**RBR1VWM40A**	32	**RB168VWM-40**	93			**RBR1MM40A**	40	**RB168MM-40**	103			**RBR1LAM40A**	58	**RB168LAM-40**	115	**RBR1L40A**	76	**RB168L-40**	134
	2	**RBR2VWM40A**	33	**RB068VWM-40**	94			**RBR2MM40A** **RBR2MM40B** **RBR2MM40C**	41 42 43	**RB068MM-40**	104			**RBR2LAM40A**	59	**RB068LAM-40**	116	**RBR2L40A**	77	**RB068L-40**	135
	3							**RBR3MM40A** **RBR3MM40B**	44 45					**RBR3LAM40A** **RBR3LAM40B** **RBR3LAM40C**	60 61 62	**RB058LAM-40**	117	**RBR3L40A** **RBR3L40B** **RBR3L40C**	78 79 80	**RB058L-40**	136
	5													**RBR5LAM40A**	63	**RB088LAM-40**	118	**RBR5L40A**	81		
60	1	**RBR1VWM60A**	34	**RB168VWM-60**	95			**RBR1MM60A**	46	**RB168MM-60**	105			**RBR1LAM60A**	64	**RB168LAM-60**	119	**RBR1L60A**	82	**RB168L-60**	137
	2	**RBR2VWM60A**	35	**RB068VWM-60**	96			**RBR2MM60A** **RBR2MM60B** **RBR2MM60C**	47 48 49	**RB068MM-60**	106			**RBR2LAM60A** **RBR2LAM60B**	65 66	**RB068LAM-60**	120	**RBR2L60A** **RBR2L60B**	83 84	**RB068L-60**	138
	3							**RBR3MM60A** **RBR3MM60B**	50 51					**RBR3LAM60A** **RBR3LAM60B**	67 68	**RB058LAM-60**	121	**RBR3L60A** **RBR3L60B**	85 86	**RB058L-60**	139
	5													**RBR5LAM60A**	69	**RB088LAM-60**	122	**RBR5L60A**	87		
90	1							**RB160MM-90**	89					**RB160LAM-90**	90			**RB160L-90**	88		
100	1			**RB168VWM100**	97					**RB168MM100**	107					**RB168LAM100**	123			**RB168L100**	140
	2			**RB068VWM100**	98					**RB068MM100**	108					**RB068LAM100**	124			**RB068L100**	141
	3															**RB058LAM100**	125				
	5															**RB088LAM100**	126				
150	1			**RB168VWM150**	99					**RB168MM150**	109					**RB168LAM150**	127			**RB168L150**	142
	2			**RB068VWM150**	100											**RB068LAM150**	128			**RB068L150**	143
	3															**RB058LAM150**	129			**RB058L150**	144
	5															**RB088LAM150**	130				
200	1									New **RB168MM200**	110										

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Schottky Barrier Diodes

Schottky Barrier Diodes
Example: R S X 1 0 1 M M – 3 0 T F T R
Part No. Grade Code Taping Code

Middle Power Schottky Barrier Diodes (High Efficient type)

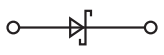
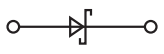
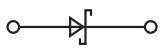
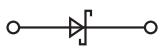
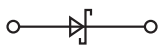
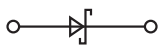
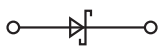
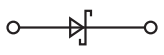
Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∾	V_F (V) Max		I_R (mA) Max				
		General	Automotive							I_F (A)		V_R (V)			
Low V_F/Low I_R type															
1	RSX101MM-30	*	TF	TR	30	30	1	45	0.39	1	0.2	30	(PMDU) 〈SOD-123FL〉 [SC-109B]		YES
2	RSX501LAM20	*	–	TR	20	20	5	100	0.39	3	0.5	20	(PMDTM) 〈SOD-128〉		–
3	RSX201LAM30		TF	TR	30	30	2	60	0.44	2	0.15	30			YES
4	RSX205LAM30		TF	TR	30	30	2	60	0.49	2	0.2	30			YES
5	RSX301LAM30		TF	TR	30	30	3	100	0.42	3	0.2	15			YES
6	RSX201L-30	–	DD	TE25	30	30	2	60	0.44	2	0.15	30	DO-214AC (PMDS) 〈SMA〉		YES
7	RSX205L-30		TF	TE25	30	30	2	60	0.49	2	0.2	30			YES
8	RSX301L-30		DD	TE25	30	30	3	70	0.42	3	0.2	30			YES
Low I_R type															
9	RBLQ2VWM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDE)		YES
10	RBLQ2MM10	*	TF	TR	100	100	2	30	0.77	2	0.01	100	(PMDU) 〈SOD-123FL〉 [SC-109B]		YES
11	RBLQ3LAM10	*	TF	TR	100	100	3	80	0.64	3	0.03	100	(PMDTM) 〈SOD-128〉		YES
Ultra Low I_R type															
12	New RSX068MP2S	*	–	TR	200	200	2	50	0.89	2	0.0001	200	(PMDUP) 〈SOD-123FL〉		–
13	New RSX048LAP2S	*	–	TR	200	200	3	75	0.87	3	0.0002	200	(PMDTP) 〈SOD-128〉		–
14	New RSX058LAP2S		–	TR	200	200	3	50	0.92	3	0.0001	200			–
15	New RSX088LAP2S		–	TR	200	200	5	75	0.92	5	0.0002	200			–
Middle Power Schottky Barrier Diodes (Standard type) 1															
Ultra Low V_F type															
16	RBS1MM40A	*	–	TR	40	20	1	25	0.38	1	0.4	20	(PMDU) 〈SOD-123FL〉 [SC-109B]		–
17	RBS2MM40A		–	TR	40	20	2	25	0.48	2	0.4	20			–
18	RBS2MM40B		–	TR	40	20	2	35	0.41	2	0.5	20			–
19	RBS2MM40C		–	TR	40	20	2	45	0.39	2	0.6	20			–
20	RBS3MM40A		–	TR	40	20	3	35	0.49	3	0.5	20			–
21	RBS3MM40B		–	TR	40	20	3	45	0.45	3	0.6	20			–
22	RBS1LAM40A	*	–	TR	40	20	1	40	0.38	1	0.4	20	(PMDTM) 〈SOD-128〉		–
23	RBS2LAM40A		–	TR	40	20	2	40	0.48	2	0.4	20			–
24	RBS2LAM40B		–	TR	40	20	2	50	0.41	2	0.5	20			–
25	RBS2LAM40C		–	TR	40	20	2	80	0.37	2	0.8	20			–
26	RBS3LAM40A		–	TR	40	20	3	50	0.49	3	0.5	20			–
27	RBS3LAM40B		–	TR	40	20	3	60	0.45	3	0.6	20			–
28	RBS3LAM40C		–	TR	40	20	3	80	0.4	3	0.8	20			–
29	RBS5LAM40A		–	TR	40	20	5	80	0.49	5	0.8	20			–
Low V_F type															
30	RBR1VWM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDE)		YES
31	RBR2VWM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES
32	RBR1VWM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES
33	RBR2VWM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES
34	RBR1VWM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES
35	RBR2VWM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES
36	RBR1MM30A	*	TF	TR	30	30	1	30	0.48	1	0.05	30	(PMDU) 〈SOD-123FL〉 [SC-109B]		YES
37	RBR2MM30A		TF	TR	30	30	2	30	0.53	2	0.05	30			YES
38	RBR2MM30B		TF	TR	30	30	2	30	0.49	2	0.08	30			YES
39	RBR3MM30A		TF	TR	30	30	3	30	0.51	3	0.1	30			YES
40	RBR1MM40A		TF	TR	40	40	1	20	0.52	1	0.05	40			YES
41	RBR2MM40A		TF	TR	40	40	2	20	0.62	2	0.05	40			YES
42	RBR2MM40B		TF	TR	40	40	2	30	0.55	2	0.08	40			YES
43	RBR2MM40C		TF	TR	40	40	2	30	0.52	2	0.1	40			YES
44	RBR3MM40A		TF	TR	40	40	3	30	0.62	3	0.08	40			YES
45	RBR3MM40B		TF	TR	40	40	3	30	0.58	3	0.1	40			YES
46	RBR1MM60A		TF	TR	60	60	1	20	0.53	1	0.075	60			YES
47	RBR2MM60A		TF	TR	60	60	2	20	0.65	2	0.075	60			YES
48	RBR2MM60B		TF	TR	60	60	2	30	0.58	2	0.1	60			YES
49	RBR2MM60C		TF	TR	60	60	2	30	0.55	2	0.12	60			YES
50	RBR3MM60A		TF	TR	60	60	3	30	0.66	3	0.1	60			YES
51	RBR3MM60B		TF	TR	60	60	3	30	0.61	3	0.12	60			YES
52	RBR1LAM30A	*	TF	TR	30	30	1	40	0.48	1	0.05	30	(PMDTM) 〈SOD-128〉		YES
53	RBR2LAM30A		TF	TR	30	30	2	45	0.49	2	0.08	30			YES
54	RBR3LAM30A		TF	TR	30	30	3	40	0.58	3	0.05	30			YES
55	RBR3LAM30B		TF	TR	30	30	3	45	0.53	3	0.08	30			YES
56	RBR5LAM30A		TF	TR	30	30	5	75	0.54	5	0.1	30			YES
57	RBR5LAM30B		TF	TR	30	30	5	100	0.49	5	0.15	30			YES
58	RBR1LAM40A		TF	TR	40	40	1	40	0.52	1	0.05	40			YES
59	RBR2LAM40A		TF	TR	40	40	2	45	0.55	2	0.08	40			YES
60	RBR3LAM40A		TF	TR	40	40	3	40	0.69	3	0.05	40			YES
61	RBR3LAM40B		TF	TR	40	40	3	45	0.62	3	0.08	40			YES
62	RBR3LAM40C		TF	TR	40	40	3	75	0.55	3	0.1	40			YES
63	RBR5LAM40A		TF	TR	40	40	5	100	0.53	5	0.2	40			YES
64	RBR1LAM60A		TF	TR	60	60	1	40	0.53	1	0.075	60			YES
65	RBR2LAM60A		TF	TR	60	60	2	40	0.65	2	0.075	60			YES
66	RBR2LAM60B		TF	TR	60	60	2	75	0.52	2	0.15	60			YES
67	RBR3LAM60A		TF	TR	60	60	3	45	0.66	3	0.1	60			YES
68	RBR3LAM60B		TF	TR	60	60	3	75	0.56	3	0.15	60			YES
69	RBR5LAM60A		TF	TR	60	60	5	100	0.55	5	0.25	60			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Schottky Barrier Diodes

Schottky Barrier Diodes
Example: R B R 1 L 3 0 A D D T E 2 5
Part No. Grade Code Taping Code

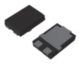
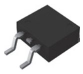
Middle Power Schottky Barrier Diodes (Standard type) 2

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_c=25°C)				Electrical Characteristics (T_j=25°C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∿	V_F (V) Max		I_R (mA) Max				
		General	Automotive							I_F (A)		V_R (V)			
Low V_F type															
70	RBR1L30A	–	DD	TE25	30	30	1	30	0.48	1	0.05	30	DO-214AC (PMDS) 〈SMA〉		YES
71	RBR2L30A		DD	TE25	30	30	2	40	0.49	2	0.08	30			YES
72	RBR3L30A		DD	TE25	30	30	3	30	0.58	3	0.05	30			YES
73	RBR3L30B		DD	TE25	30	30	3	40	0.53	3	0.08	30			YES
74	RBR5L30A		DD	TE25	30	30	5	50	0.54	5	0.1	30			YES
75	RBR5L30B		DD	TE25	30	30	5	50	0.49	5	0.15	30			YES
76	RBR1L40A		DD	TE25	40	40	1	30	0.52	1	0.05	40			YES
77	RBR2L40A		DD	TE25	40	40	2	40	0.55	2	0.08	40			YES
78	RBR3L40A		DD	TE25	40	40	3	30	0.69	3	0.05	40			YES
79	RBR3L40B		DD	TE25	40	40	3	40	0.62	3	0.08	40			YES
80	RBR3L40C		DD	TE25	40	40	3	50	0.55	3	0.1	40			YES
81	RBR5L40A		DD	TE25	40	40	5	50	0.53	5	0.2	40			YES
82	RBR1L60A		DD	TE25	60	60	1	30	0.53	1	0.075	60			YES
83	RBR2L60A		DD	TE25	60	60	2	30	0.65	2	0.075	60			YES
84	RBR2L60B		DD	TE25	60	60	2	50	0.52	2	0.15	60			YES
85	RBR3L60A		DD	TE25	60	60	3	40	0.66	3	0.1	60			YES
86	RBR3L60B		DD	TE25	60	60	3	50	0.56	3	0.15	60			YES
87	RBR5L60A		DD	TE25	60	60	5	50	0.55	5	0.25	60			YES
88	RB160L-90	–	TF	TE25	95	90	1	30	0.73	1	0.1	90	DO-214AC (PMDS) 〈SMA〉		YES
89	RB160MM-90	*	TF	TR	90	90	1	30	0.73	1	0.1	90	(PMDU) 〈SOD-123FL〉		YES
90	RB160LAM-90	*	TF	TR	95	90	1	50	0.73	1	0.1	90	(PMDTM) 〈SOD-128〉		YES
Ultra Low I_R type															
91	RB168VWM-30	*	TF	TR	30	30	1	30	0.69	1	0.0006	30	(PMDE)		YES
92	RB068VWM-30		TF	TR	30	30	2	30	0.75	2	0.0006	30			YES
93	RB168VWM-40		TF	TR	40	40	1	30	0.69	1	0.0005	40			YES
94	RB068VWM-40		TF	TR	40	40	2	30	0.79	2	0.0005	40			YES
95	RB168VWM-60		TF	TR	60	60	1	30	0.76	1	0.0005	60			YES
96	RB068VWM-60		TF	TR	60	60	2	30	0.84	2	0.0005	60			YES
97	RB168VWM100		TF	TR	100	100	1	25	0.84	1	0.0003	100			YES
98	RB068VWM100		TF	TR	100	100	2	25	0.94	2	0.0003	100			YES
99	RB168VWM150		TF	TR	150	150	1	25	0.89	1	0.001	150			YES
100	RB068VWM150		TF	TR	150	150	2	25	0.96	2	0.001	150			YES
101	RB168MM-30	*	TF	TR	30	30	1	30	0.69	1	0.0006	30	(PMDU) 〈SOD-123FL〉 [SC-109B]		YES
102	RB068MM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
103	RB168MM-40		TF	TR	40	40	1	40	0.65	1	0.00055	40			YES
104	RB068MM-40		TF	TR	40	40	2	40	0.725	2	0.00055	40			YES
105	RB168MM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
106	RB068MM-60		TF	TR	60	60	2	40	0.765	2	0.0015	60			YES
107	RB168MM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
108	RB068MM100		TF	TR	100	100	2	40	0.87	2	0.0004	100			YES
109	RB168MM150		TF	TR	150	150	1	35	0.84	1	0.004	150			YES
110	New RB168MM200		TF	TR	200	200	1	35	0.89	1	0.00085	200			YES
111	RB168LAM-30	*	TF	TR	30	30	1	40	0.69	1	0.0006	30	(PMDTM) 〈SOD-128〉		YES
112	RB068LAM-30		TF	TR	30	30	2	50	0.7	2	0.0008	30			YES
113	RB058LAM-30		TF	TR	30	30	3	80	0.68	3	0.0025	30			YES
114	RB088LAM-30		TF	TR	30	30	5	80	0.69	5	0.0025	30			YES
115	RB168LAM-40		TF	TR	40	40	1	40	0.69	1	0.0005	40			YES
116	RB068LAM-40		TF	TR	40	40	2	50	0.69	2	0.001	40			YES
117	RB058LAM-40		TF	TR	40	40	3	90	0.69	3	0.0025	40			YES
118	RB088LAM-40		TF	TR	40	40	5	90	0.71	5	0.0036	40			YES
119	RB168LAM-60		TF	TR	60	60	1	40	0.68	1	0.0015	60			YES
120	RB068LAM-60		TF	TR	60	60	2	70	0.68	2	0.002	60			YES
121	RB058LAM-60		TF	TR	60	60	3	90	0.64	3	0.004	60			YES
122	RB088LAM-60		TF	TR	60	60	5	90	0.71	5	0.004	60			YES
123	RB168LAM100		TF	TR	100	100	1	40	0.81	1	0.0004	100			YES
124	RB068LAM100		TF	TR	100	100	2	70	0.81	2	0.0015	100			YES
125	RB058LAM100		TF	TR	100	100	3	80	0.81	3	0.003	100			YES
126	RB088LAM100		TF	TR	100	100	5	80	0.87	5	0.003	100			YES
127	RB168LAM150		TF	TR	150	150	1	50	0.84	1	0.0025	150			YES
128	RB068LAM150		TF	TR	150	150	2	70	0.81	2	0.003	150			YES
129	RB058LAM150		TF	TR	150	150	3	80	0.84	3	0.003	150			YES
130	RB088LAM150		TF	TR	150	150	5	80	0.9	5	0.003	150			YES
131	RB168L-30	–	TF	TE25	30	30	1	30	0.69	1	0.0006	30	DO-214AC (PMDS) 〈SMA〉		YES
132	RB068L-30		DD	TE25	30	30	2	60	0.7	2	0.0008	30			YES
133	RB058L-30		DD	TE25	30	30	3	90	0.68	3	0.0025	30			YES
134	RB168L-40		TF	TE25	40	40	1	50	0.65	1	0.00055	40			YES
135	RB068L-40		DD	TE25	40	40	2	50	0.69	2	0.001	40			YES
136	RB058L-40		DD	TE25	40	40	3	100	0.7	3	0.005	40			YES
137	RB168L-60		TF	TE25	60	60	1	50	0.68	1	0.0015	60			YES
138	RB068L-60		DD	TE25	60	60	2	90	0.68	2	0.002	60			YES
139	RB058L-60		DD	TE25	60	60	3	120	0.64	3	0.004	60			YES
140	RB168L100		DD	TE25	100	100	1	50	0.81	1	0.0004	100			YES
141	RB068L100		DD	TE25	100	100	2	110	0.79	2	0.003	100			YES
142	RB168L150		DD	TE25	150	150	1	50	0.84	1	0.004	150			YES
143	RB068L150		DD	TE25	150	150	2	90	0.81	2	0.003	150			YES
144	RB058L150		DD	TE25	150	150	3	90	0.85	3	0.003	150			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

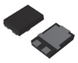
Schottky Barrier Diodes

●Quick Reference for Power Schottky Barrier Diodes (High Efficient type)

V_R (V)	I_O (A)	Surface Mount type							
									
		TO-277A (TO-277GE)		(TO-252GE) 〈DPAK〉 [SC-63]		TO-252 〈DPAK〉 [SC-63]		TO-263L (LPDL) 〈D2PAK〉 [SC-83]	
		Low I_R type		Low I_R type		Low I_R type		Low I_R type	
100	10	**RBLQ10RSM10**	1						
	20			**RBLQ20BGE10**	2	**RBLQ20BM10**	3	New **RBLQ20NL10S** New **RBLQ20NL10C**	4 6
	30							New **RBLQ30NL10S**	5

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

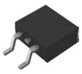
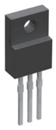
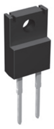
●Quick Reference for Power Schottky Barrier Diodes (Standard type) 1

V_R (V)	I_O (A)	Surface Mount type																	
																			
		TO-277A (TO-277GE)						(TO-252GE) 〈DPAK〉 [SC-63]						TO-252 〈DPAK〉 [SC-63]					
		Low V_F type		Low I_R type		Ultra Low I_R type		Low V_F type		Low I_R type		Ultra Low I_R type		Low V_F type		Low I_R type		Ultra Low I_R type	
30	5											**RB078BGE30S**	99					**RB078BM30S**	114
	6											**RB098BGE-30**	102					**RB098BM-30**	115
	10							**RBR10BGE30A**	10			**RB088BGE-30**	103	**RBR10BM30A**	19			**RB088BM-30**	116
	15							**RBR15BGE30A**	11					**RBR15BM30A**	20				
	20							**RBR20BGE30A**	12					**RBR20BM30A**	21				
40	3	New **RBR3RSM40B**	7																
	5	New **RBR5RSM40B**	8																
	6											**RB098BGE-40**	104					**RB098BM-40**	117
	10	New **RBR10RSM40B**	9					**RBR10BGE40A**	13			**RB088BGE-40**	105	**RBR10BM40A**	22			**RB088BM-40**	118
	15							**RBR15BGE40A**	14					**RBR15BM40A**	23				
	20							**RBR20BGE40A**	15					**RBR20BM40A**	24				
45	10									**RBQ10BGE45A**	55					**RBQ10BM45A**	63		
	15									**RBQ15BGE45A**	56					**RBQ15BM45A**	64		
	20									**RBQ20BGE45A**	57					**RBQ20BM45A**	65		
60	6											**RB098BGE-60**	106					**RB098BM-60**	119
	10							**RBR10BGE60A**	16			**RB088BGE-60**	107	**RBR10BM60A**	25			**RB088BM-60**	120
	15							**RBR15BGE60A**	17					**RBR15BM60A**	26				
	20							**RBR20BGE60A**	18					**RBR20BM60A**	27				
65	3			New **RBQ3RSM65B**	49														
	5			New **RBQ5RSM65B**	50														
	10			New **RBQ10RSM65B**	51					**RBQ10BGE65A**	58					**RBQ10BM65A**	66		
	15									**RBQ15BGE65A**	59					**RBQ15BM65A**	67		
	20									**RBQ20BGE65A**	60					**RBQ20BM65A**	68		
100	3			New **RBQ3RSM10B**	52	New **RB058RSM10S**	91												
	5			New **RBQ5RSM10B**	53	New **RB078RSM10S**	92												
	6											**RB098BGE100**	108					**RB098BM100**	121
	8					New **RB048RSM10S**	93												
	10			New **RBQ10RSM10B**	54	New **RB088RSM10S**	94			**RBQ10BGE10A**	61	**RB088BGE100**	109			**RBQ10BM100A**	69	**RB088BM100**	122
	15									**RBQ15BGE10A**	62					**RBQ15BM100A**	70		
	20															**RBQ20BM100A**	71		
150	3					New **RB058RSM15S**	95												
	5					New **RB078RSM15S**	96												
	6											**RB098BGE150**	110					**RB098BM150**	123
	8					New **RB048RSM15S**	97												
	10					New **RB088RSM15S**	98					**RB088BGE150**	111					**RB088BM150**	124
200	3											New **RSX058BGE2S** New **RSX078BGE2S**	112 113					New **RSX058BM2S**	100
	5																	New **RSX078BM2S**	101
	10																	**RB088BM200**	125
	20																	**RB218BM200**	126

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Schottky Barrier Diodes

●Quick Reference for Power Schottky Barrier Diodes (Standard type) 2

V_R (V)	I_O (A)	Surface Mount type								Through Hole type							
																	
		(TO-263S) 〈D2PAK〉						TO-263L (LPDL) 〈D2PAK〉 [SC-83]		(TO-220FN) <3pin>						(TO-220FN) <2pin>	
		Low V_F type		Low I_R type		Ultra Low I_R type		Low I_R type		Low V_F type		Low I_R type		Ultra Low I_R type		Low I_R type	
30	10	**RBR10NS30A**	28			**RB088NS-30**	127			**RBR10T30A**	40			**RB088T-30**	150		
	20	**RBR20NS30A**	29			**RB218NS-30**	128			**RBR20T30A**	41			**RB218T-30**	151		
	30	**RBR30NS30A**	30			**RB228NS-30**	129			**RBR30T30A**	42			**RB228T-30**	152		
	40	**RBR40NS30A**	31			**RB238NS-30**	130							**RB238T-30**	153		
40	10	**RBR10NS40A**	32			**RB088NS-40**	131			**RBR10T40A**	43			**RB088T-40**	154		
	20	**RBR20NS40A**	33			**RB218NS-40**	132			**RBR20T40A**	44			**RB218T-40**	155		
	30	**RBR30NS40A**	34			**RB228NS-40**	133			**RBR30T40A**	45			**RB228T-40**	156		
	40	**RBR40NS40A**	35			**RB238NS-40**	134							**RB238T-40**	157		
45	10			**RBQ10NS45A**	72			☆**RBQ10NL45B**	82			**RBQ10T45A**	84				
	16							☆**RBQ16NL45B**	83								
	20			**RBQ20NS45A**	73							**RBQ20T45A**	85				
	30			**RBQ30NS45A** **RBQ30NS45B**	74 81							**RBQ30T45A**	86			**RBQ30TB45B**	90
60	10	**RBR10NS60A**	36			**RB088NS-60** **RB218NS-60**	135 136			**RBR10T60A**	46			**RB088T-60** **RB218T-60**	158 159		
	20	**RBR20NS60A**	37			**RB228NS-60**	137			**RBR20T60A**	47			**RB228T-60**	160		
	30	**RBR30NS60A**	38			**RB238NS-60**	138			**RBR30T60A**	48			**RB238T-60**	161		
	40	**RBR40NS60A**	39														
65	10			**RBQ10NS65A**	75							**RBQ10T65A**	87				
	20			**RBQ20NS65A**	76							**RBQ20T65A**	88				
	30			**RBQ30NS65A**	77							**RBQ30T65A**	89				
100	10			**RBQ10NS100A**	78	**RB088NS100**	139							**RB088T100**	162		
	20			**RBQ20NS100A**	79	**RB218NS100**	140							**RB218T100**	163		
	30			**RBQ30NS100A**	80	**RB228NS100** **RB298NS100**	141 142							**RB228T100** **RB298T100**	164 165		
	40					**RB238NS100**	143							**RB238T100**	166		
150	10					**RB088NS150**	144							**RB088T150**	167		
	20					**RB218NS150**	145							**RB218T150**	168		
	30					**RB228NS150**	146							**RB228T150**	169		
	40					**RB238NS150**	147							**RB238T150**	170		
200	10					**RB088NS200**	148										
	20					**RB218NS200**	149										

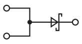
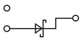
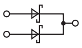
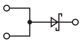
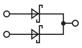
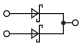
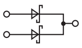
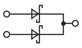
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

☆: Under Development

Schottky Barrier Diodes

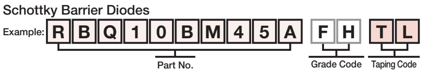
Schottky Barrier Diodes
Example: R B L Q 2 0 B M 1 0 F H T L
Part No. (R B L Q 2 0 B M 1 0)
Grade Code (F H)
Taping Code (T L)

Power Schottky Barrier Diodes (High Efficient type)

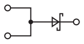
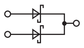
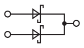
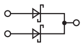
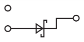
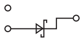
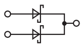
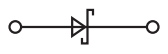
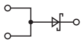
Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM} (A)*2 60Hz.1∿	V_F (V) Max		I_R (mA) Max				
		General	Automotive							I_F (A)		V_R (V)			
Low I_R type															
1	**RBLQ10RSM10**	*	TF	TL	100	100	10	200	0.67	10	0.08	100	TO-277A (TO-277GE)		YES
2	**RBLQ20BGE10**	*	–	TL	100	100	20	150	0.86	20	0.08	100	(TO-252GE) 〈DPAK〉 [SC-63]		–
3	**RBLQ20BM10**	–	FH	TL	100	100	20	150	0.86	20	0.08	100	TO-252 〈DPAK〉 [SC-63]		YES
4	New **RBLQ20NL10S**	*	FH	TL	100	100	20	200	0.86	20	0.08	100	TO-263L (LPDL) 〈D2PAK〉 [SC-83]		YES
5	New **RBLQ30NL10S**		FH	TL	100	100	30	200	0.86	30	0.15	100			YES
6	New **RBLQ20NL10C**		FH	TL	100	100	20	150	0.71	10	0.07	100			YES
Power Schottky Barrier Diodes (Standard type) 1															
Low V_F type															
7	New **RBR3RSM40B**	*	TF	TL1	40	40	3	150	0.47	3	0.12	40	TO-277A (TO-277GE)		YES
8	New **RBR5RSM40B**		TF	TL1	40	40	5	100	0.53	5	0.12	40			YES
9	New **RBR10RSM40B**		TF	TL1	40	40	10	150	0.54	5	0.3	45			YES
10	**RBR10BGE30A**	*	–	TL	30	30	10	50	0.55	5	0.1	30	(TO-252GE) 〈DPAK〉 [SC-63]		–
11	**RBR15BGE30A**		–	TL	30	30	15	100	0.51	7.5	0.2	30			–
12	**RBR20BGE30A**		–	TL	30	30	20	100	0.51	10	0.3	30			–
13	**RBR10BGE40A**		–	TL	40	40	10	50	0.62	5	0.12	40			–
14	**RBR15BGE40A**		–	TL	40	40	15	100	0.55	7.5	0.24	40			–
15	**RBR20BGE40A**		–	TL	40	40	20	100	0.55	10	0.36	40			–
16	**RBR10BGE60A**		–	TL	60	60	10	50	0.65	5	0.2	60			–
17	**RBR15BGE60A**		–	TL	60	60	15	100	0.58	7.5	0.4	60			–
18	**RBR20BGE60A**		–	TL	60	60	20	100	0.59	10	0.6	60			–
19	**RBR10BM30A**	–	FH	TL	30	30	10	50	0.55	5	0.1	30	TO-252 〈DPAK〉 [SC-63]		YES
20	**RBR15BM30A**		FH	TL	30	30	15	100	0.51	7.5	0.2	30			YES
21	**RBR20BM30A**		FH	TL	30	30	20	100	0.51	10	0.3	30			YES
22	**RBR10BM40A**		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
23	**RBR15BM40A**		FH	TL	40	40	15	100	0.55	7.5	0.24	40			YES
24	**RBR20BM40A**		FH	TL	40	40	20	100	0.55	10	0.36	40			YES
25	**RBR10BM60A**		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
26	**RBR15BM60A**		FH	TL	60	60	15	100	0.58	7.5	0.4	60			YES
27	**RBR20BM60A**		FH	TL	60	60	20	100	0.59	10	0.6	60			YES
28	**RBR10NS30A**	*	FH	TL	30	30	10	50	0.55	5	0.1	30	(TO-263S) 〈D2PAK〉		YES
29	**RBR20NS30A**		FH	TL	30	30	20	100	0.55	10	0.2	30			YES
30	**RBR30NS30A**		FH	TL	30	30	30	100	0.55	15	0.3	30			YES
31	**RBR40NS30A**		FH	TL	30	30	40	100	0.52	20	0.6	30			YES
32	**RBR10NS40A**		FH	TL	40	40	10	50	0.62	5	0.12	40			YES
33	**RBR20NS40A**		FH	TL	40	40	20	100	0.62	10	0.24	40			YES
34	**RBR30NS40A**		FH	TL	40	40	30	100	0.62	15	0.36	40			YES
35	**RBR40NS40A**		FH	TL	40	40	40	100	0.55	20	0.43	40			YES
36	**RBR10NS60A**		FH	TL	60	60	10	50	0.65	5	0.2	60			YES
37	**RBR20NS60A**		FH	TL	60	60	20	100	0.64	10	0.4	60			YES
38	**RBR30NS60A**		FH	TL	60	60	30	100	0.67	15	0.6	60			YES
39	**RBR40NS60A**		FH	TL	60	60	40	100	0.6	20	0.8	60			YES
40	**RBR10T30A**	NZ	–	C9	30	30	10	50	0.55	5	0.1	30	(TO-220FN) <3pin>		–
41	**RBR20T30A**	NZ	–	C9	30	30	20	100	0.55	10	0.2	30			–
42	**RBR30T30A**	NZ	–	C9	30	30	30	100	0.55	15	0.3	30			–
43	**RBR10T40A**	NZ	–	C9	40	45	10	50	0.62	5	0.12	40			–
44	**RBR20T40A**	NZ	–	C9	40	45	20	100	0.62	10	0.24	40			–
45	**RBR30T40A**	NZ	–	C9	40	45	30	100	0.62	15	0.36	40			–
46	**RBR10T60A**	NZ	–	C9	60	60	10	50	0.65	5	0.2	60			–
47	**RBR20T60A**	NZ	–	C9	60	60	20	100	0.64	10	0.4	60			–
48	**RBR30T60A**	NZ	–	C9	60	60	30	100	0.67	15	0.6	60			–

*General Part No. have no grade code.
*1 I_O: Average rectified output current per die. In case of 2 dies, I_O indicates average output current of 2 dies.
*2 Value/Die
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Schottky Barrier Diodes



Power Schottky Barrier Diodes (Standard type) 2

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25˚C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM} (A)*2 60Hz.1∿	V_F (V) Max		I_R (mA) Max				
		General	Automotive							I_F (A)		V_R (V)			
Low I_R type															
49	New RBQ3RSM65B	*	TF	TL1	65	65	3	100	0.57	3	0.09	65	TO-277A (TO-277GE)		YES
50	New RBQ5RSM65B		TF	TL1	65	65	5	100	0.66	5	0.09	65			YES
51	New RBQ10RSM65B		TF	TL1	65	65	10	150	0.67	10	0.15	65			YES
52	New RBQ3RSM10B		–	TL1	100	100	3	100	0.70	3	0.08	100			–
53	New RBQ5RSM10B		–	TL1	100	100	5	150	0.70	5	0.14	100			–
54	New RBQ10RSM10B		–	TL1	100	100	10	200	0.70	10	0.25	100			–
55	RBQ10BGE45A	*	–	TL	45	45	10	50	0.65	5	0.07	45	(TO-252GE) 〈DPAK〉 [SC-63]		–
56	RBQ15BGE45A		–	TL	45	45	15	100	0.59	7.5	0.14	45			–
57	RBQ20BGE45A		–	TL	45	45	20	100	0.59	10	0.2	45			–
58	RBQ10BGE65A		–	TL	65	65	10	50	0.69	5	0.07	65			–
59	RBQ15BGE65A		–	TL	65	65	15	100	0.63	7.5	0.14	65			–
60	RBQ20BGE65A		–	TL	65	65	20	100	0.63	10	0.2	65			–
61	RBQ10BGE10A		–	TL	100	100	10	100	0.77	5	0.08	100			–
62	RBQ15BGE10A		–	TL	100	100	15	100	0.71	7.5	0.14	100			–
63	RBQ10BM45A	–	FH	TL	45	45	10	50	0.65	5	0.07	45	TO-252 〈DPAK〉 [SC-63]		YES
64	RBQ15BM45A		FH	TL	45	45	15	100	0.59	7.5	0.14	45			YES
65	RBQ20BM45A		FH	TL	45	45	20	100	0.59	10	0.2	45			YES
66	RBQ10BM65A		FH	TL	65	65	10	50	0.69	5	0.07	65			YES
67	RBQ15BM65A		FH	TL	65	65	15	100	0.63	7.5	0.14	65			YES
68	RBQ20BM65A		FH	TL	65	65	20	100	0.63	10	0.2	65			YES
69	RBQ10BM100A		FH	TL	100	100	10	100	0.77	5	0.08	100			YES
70	RBQ15BM100A		FH	TL	100	100	15	100	0.71	7.5	0.14	100			YES
71	RBQ20BM100A	*	FH	TL	100	100	20	100	0.69	10	0.2	100			YES
72	RBQ10NS45A		FH	TL	45	45	10	100	0.65	5	0.07	45	(TO-263S) 〈D2PAK〉		YES
73	RBQ20NS45A		FH	TL	45	45	20	100	0.65	10	0.14	45			YES
74	RBQ30NS45A		FH	TL	45	45	30	100	0.65	15	0.2	45			YES
75	RBQ10NS65A		FH	TL	65	65	10	100	0.69	5	0.07	65			YES
76	RBQ20NS65A		FH	TL	65	65	20	100	0.69	10	0.14	65			YES
77	RBQ30NS65A		FH	TL	65	65	30	100	0.69	15	0.2	65			YES
78	RBQ10NS100A		FH	TL	100	100	10	100	0.77	5	0.08	100			YES
79	RBQ20NS100A		FH	TL	100	100	20	100	0.77	10	0.14	100			YES
80	RBQ30NS100A		FH	TL	100	100	30	100	0.77	15	0.2	100			YES
81	RBQ30NS45B		FH	TL	45	45	30	100	0.59	30	0.7	45			YES
82	☆RBQ10NL45B		FHH	TL	45	45	10	150	0.62	10	0.1	45	TO-263L (LPDL) 〈D2PAK〉 [SC-83]		YES
83	☆RBQ16NL45B		FHH	TL	45	45	16	150	0.61	16	0.1	45			YES
84	RBQ10T45A	NZ	–	C9	45	45	10	100	0.65	5	0.07	45	(TO-220FN) <3pin>		–
85	RBQ20T45A	NZ	–	C9	45	45	20	100	0.65	10	0.14	45			–
86	RBQ30T45A	NZ	–	C9	45	45	30	100	0.65	15	0.2	45			–
87	RBQ10T65A	NZ	–	C9	65	65	10	100	0.69	5	0.07	65			–
88	RBQ20T65A	NZ	–	C9	65	65	20	100	0.69	10	0.14	65			–
89	RBQ30T65A	NZ	–	C9	65	65	30	100	0.69	15	0.2	65			–
90	RBQ30TB45B	NZ	–	C9	45	45	30	100	0.59	30	0.7	45	(TO-220FN) <2pin>		–
Ultra Low I_R type															
91	New RB058RSM10S	*	TF	TL1	100	100	3	120	0.81	3	0.0013	100	TO-277A (TO-277GE)		YES
92	New RB078RSM10S		TF	TL1	100	100	5	120	0.84	5	0.0013	100			YES
93	New RB048RSM10S		TF	TL1	100	100	8	160	0.84	8	0.0034	100			YES
94	New RB088RSM10S		TF	TL1	100	100	10	220	0.84	10	0.0037	100			YES
95	New RB058RSM15S		TF	TL1	150	150	3	120	0.83	3	0.0021	150			YES
96	New RB078RSM15S		TF	TL1	150	150	5	120	0.87	5	0.0021	150			YES
97	New RB048RSM15S		TF	TL1	150	150	8	160	0.88	8	0.0037	150			YES
98	New RB088RSM15S		TF	TL1	150	150	10	220	0.88	10	0.0045	150			YES

*General Part No. have no grade code.

☆: Under Development

*1 I_O: Average rectified output current per die. In case of 2 dies, I_O indicates average output current of 2 dies.

*2 Value/Die

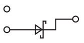
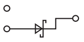
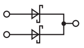
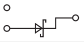
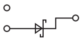
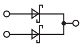
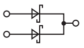
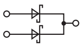
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Schottky Barrier Diodes

Example: R B 0 7 8 B M 3 0 S F H T L

Part No. Grade Code Taping Code

Power Schottky Barrier Diodes (Standard type) 3

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25°C)				Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM} (A)*2 60Hz.1∿	V_F (V) Max		I_R (mA) Max				
		General	Automotive							I_F (A)		V_R (V)			
Ultra Low I_R type															
99	**RB078BGE30S**	*	–	TL	35	30	5	50	0.72	5	0.005	30	(TO-252GE) 〈DPAK〉 [SC-63]		–
100	*New* **RSX058BM2S**		FH	TL	200	200	3	50	0.87	3	0.0002	200	TO-252 〈DPAK〉 [SC-63]		YES
101	*New* **RSX078BM2S**		FH	TL	200	200	5	50	0.92	5	0.0002	200			YES
102	**RB098BGE-30**		–	TL	35	30	6	50	0.72	3	0.0015	30	(TO-252GE) 〈DPAK〉 [SC-63]		–
103	**RB088BGE-30**		–	TL	35	30	10	50	0.72	5	0.003	30			–
104	**RB098BGE-40**		–	TL	45	40	6	50	0.77	3	0.0015	40			–
105	**RB088BGE-40**		–	TL	45	40	10	50	0.77	5	0.003	40			–
106	**RB098BGE-60**		–	TL	60	60	6	50	0.83	3	0.0015	60			–
107	**RB088BGE-60**		–	TL	60	60	10	50	0.83	5	0.003	60			–
108	**RB098BGE100**		–	TL	110	100	6	100	0.77	3	0.003	100			–
109	**RB088BGE100**		–	TL	100	100	10	50	0.87	5	0.005	100			–
110	**RB098BGE150**		–	TL	150	150	6	100	0.83	3	0.007	150			–
111	**RB088BGE150**		–	TL	150	150	10	50	0.88	5	0.015	150			–
112	*New* **RSX058BGE2S**		–	TL	200	200	3	50	0.87	3	0.0002	200			–
113	*New* **RSX078BGE2S**		–	TL	200	200	5	50	0.92	5	0.0002	200			–
114	**RB078BM30S**	–	FH	TL	35	30	5	50	0.72	5	0.005	30	TO-252 〈DPAK〉 [SC-63]		YES
115	**RB098BM-30**		FH	TL	35	30	6	50	0.72	3	0.0015	30			YES
116	**RB088BM-30**		FH	TL	35	30	10	50	0.72	5	0.003	30			YES
117	**RB098BM-40**		FH	TL	45	40	6	50	0.77	3	0.0015	40			YES
118	**RB088BM-40**		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
119	**RB098BM-60**		FH	TL	60	60	6	50	0.83	3	0.0015	60			YES
120	**RB088BM-60**		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
121	**RB098BM100**		FH	TL	110	100	6	100	0.77	3	0.003	100			YES
122	**RB088BM100**		FH	TL	100	100	10	100	0.87	5	0.005	100			YES
123	**RB098BM150**		FH	TL	150	150	6	100	0.83	3	0.007	150			YES
124	**RB088BM150**		FH	TL	150	150	10	100	0.88	5	0.015	150			YES
125	**RB088BM200**		FH	TL	200	200	10	100	0.88	5	0.007	200			YES
126	**RB218BM200**		FH	TL	200	200	20	100	0.88	10	0.01	200			YES
127	**RB088NS-30**	*	FH	TL	35	30	10	50	0.72	5	0.003	30	(TO-263S) 〈D2PAK〉		YES
128	**RB218NS-30**		FH	TL	35	30	20	100	0.72	10	0.005	30			YES
129	**RB228NS-30**		FH	TL	35	30	30	100	0.72	15	0.01	30			YES
130	**RB238NS-30**		FH	TL	35	30	40	100	0.75	20	0.012	30			YES
131	**RB088NS-40**		FH	TL	45	40	10	50	0.77	5	0.003	40			YES
132	**RB218NS-40**		FH	TL	45	40	20	100	0.77	10	0.005	40			YES
133	**RB228NS-40**		FH	TL	45	40	30	100	0.77	15	0.01	40			YES
134	**RB238NS-40**		FH	TL	45	40	40	100	0.8	20	0.012	40			YES
135	**RB088NS-60**		FH	TL	60	60	10	50	0.83	5	0.003	60			YES
136	**RB218NS-60**		FH	TL	60	60	20	100	0.83	10	0.005	60			YES
137	**RB228NS-60**		FH	TL	60	60	30	100	0.83	15	0.01	60			YES
138	**RB238NS-60**		FH	TL	60	60	40	100	0.86	20	0.012	60			YES
139	**RB088NS100**		FH	TL	110	100	10	100	0.87	5	0.005	100			YES
140	**RB218NS100**		FH	TL	110	100	20	100	0.87	10	0.007	100			YES
141	**RB228NS100**		FH	TL	110	100	30	100	0.87	5	0.005	100			YES
142	**RB298NS100**		FH	TL	110	100	30	100	0.87	15	0.01	100			YES
143	**RB238NS100**		FH	TL	110	100	40	100	0.86	20	0.02	100			YES
144	**RB088NS150**		FH	TL	150	150	10	50	0.88	5	0.015	150			YES
145	**RB218NS150**		FH	TL	150	150	20	100	0.88	10	0.02	150			YES
146	**RB228NS150**		FH	TL	150	150	30	100	0.88	15	0.025	150			YES
147	**RB238NS150**		FH	TL	150	150	40	100	0.87	20	0.03	150			YES
148	**RB088NS200**		FH	TL	200	200	10	100	0.88	5	0.007	200			YES
149	**RB218NS200**		FH	TL	200	200	20	100	0.88	10	0.01	200			YES
150	**RB088T-30**	NZ	–	C9	35	30	10	50	0.72	5	0.003	30	(TO-220FN) <3pin>		–
151	**RB218T-30**	NZ	–	C9	35	30	20	100	0.72	10	0.005	30			–
152	**RB228T-30**	NZ	–	C9	35	30	30	100	0.72	15	0.01	30			–
153	**RB238T-30**	NZ	–	C9	35	30	40	100	0.75	20	0.012	30			–
154	**RB088T-40**	NZ	–	C9	45	40	10	50	0.77	5	0.003	40			–
155	**RB218T-40**	NZ	–	C9	45	40	20	100	0.77	10	0.005	40			–
156	**RB228T-40**	NZ	–	C9	45	40	30	100	0.77	15	0.01	40			–
157	**RB238T-40**	NZ	–	C9	45	40	40	100	0.8	20	0.012	40			–
158	**RB088T-60**	NZ	–	C9	60	60	10	50	0.83	5	0.003	60			–
159	**RB218T-60**	NZ	–	C9	60	60	20	100	0.83	10	0.005	60			–
160	**RB228T-60**	NZ	–	C9	60	60	30	100	0.83	15	0.01	60			–
161	**RB238T-60**	NZ	–	C9	60	60	40	100	0.86	20	0.012	60			–
162	**RB088T100**	NZ	–	C9	110	100	10	100	0.87	5	0.005	100			–
163	**RB218T100**	NZ	–	C9	110	100	20	100	0.87	10	0.007	100			–
164	**RB228T100**	NZ	–	C9	110	100	30	100	0.87	5	0.005	100			–
165	**RB298T100**	NZ	–	C9	110	100	30	100	0.87	15	0.01	100			–
166	**RB238T100**	NZ	–	C9	110	100	40	100	0.86	20	0.02	100			–
167	**RB088T150**	NZ	–	C9	150	150	10	50	0.88	5	0.015	150			–
168	**RB218T150**	NZ	–	C9	150	150	20	100	0.88	10	0.02	150			–
169	**RB228T150**	NZ	–	C9	150	150	30	100	0.88	15	0.025	150			–
170	**RB238T150**	NZ	–	C9	150	150	40	100	0.87	20	0.03	150			–

*General Part No. have no grade code.

*1 I_O: Average rectified output current per die. In case of 2 dies, I_O indicates average output current of 2 dies.

*2 Value/Die

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

Fast Recovery Diodes

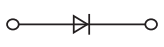
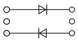
Fast Recovery Diodes
Example: RF01VM2S FH TE-17
Part No. Grade Code Taping Code

●Quick Reference for Small Signal/Middle Power Fast Recovery Diodes

VR (V)	IO (A)	Surface Mount type																	
																			
		1608 Size		2512 Size		2514 Size				2513 size		3516 Size		4725 Size		5026 size		2928 Size	
		SOD-523 (EMD2) [SC-79]		SOD-323FL (UMD2) [SC-90A]		SOD-323HE (TUMD2M) [SC-108B]		SOD-323HE (TUMD2SM)		(PMDE)		(PMDU) ⟨SOD-123FL⟩ [SC-109B]		(PMDTM) ⟨SOD-128⟩		DO-214AC (PMDS) ⟨SMA⟩		SOT-457T (TSMD6)	
100	0.5					RF05VAM1S RF05VYM1S	3 4												
200	0.4																	RF04UA2D	36
	0.5					RF05VAM2S RF05VYM2S	5 6					RFC02MM2S	11						
	0.7											RF071MM2S	12						
	0.8											RF081MM2S	13						
	1									New RFN1VWM2S	9			RF101LAM2S	14	RF101L2S	26		
	1.1													RF081LAM2S	15	RF081L2S	27		
	2									New RFN2VWM2S	10			RF201LAM2S RF202LAM2S	16 17	RF201L2S	28		
	3													RF302LAM2S	18				
250	0.1			RF01VM2S	2														
400	1													RF071LAM4S RF101LAM4S	19 20	RF071L4S RF101L4S	29 30		
	1.5													RF201LAM4S RFN2LAM4S	21 22	RF201L4S RFN2L4S	31 32		
450	0.1	RFU01SM4S	1																
600	0.2							RFU02VSM6S	7										
	0.8													RFN1LAM6S	23	RFN1L6S	33		
	1.5													RFN2LAM6S	24	RFN2L6S	34		
700	0.8													RFN1LAM7S	25	RFN1L7S	35		
800	0.2							RFU02VSM8S	8										

Note: Package is JEDEC code. ( ): ROHM Packages. ⟨ ⟩: GENERAL code. [ ]: JEITA code.

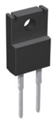
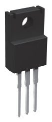
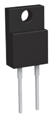
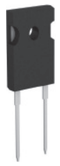
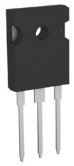
Small Signal/Middle Power Fast Recovery Diodes

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25°C or Tl=25°C)				Electrical Characteristics (T_j=25°C)*1							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code General	Grade Code Automotive	Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∿	V_F (V) Max	I_F (A)	I_R (μA) Max	V_R (V)	trr (ns) Max	I_F (A)	I_R (A)			
1	RFU01SM4S	*	—	T2R	450	450	0.1	1	1.8	0.1	10	450	35	0.1	0.1	SOD-523 (EMD2) [SC-79]		—
2	RF01VM2S		FH	TE-17	250	250	0.1	1	1.2	0.1	10	250	50	*2		SOD-323FL (UMD2) [SC-90A]		YES
3	RF05VAM1S		—	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1	SOD-323HE (TUMD2M) [SC-108B]		—
4	RF05VYM1S	—	FH	TR	100	100	0.5	6	0.98	0.5	10	100	25	0.5	1			YES
5	RF05VAM2S	*	—	TR	200	200	0.5	6	0.98	0.5	10	200	25	0.5	1			—
6	RF05VYM2S	—	FH	TR	200	200	0.5	6	0.98	0.5	10	200	25	0.5	1			YES
7	RFU02VSM6S	*	—	TR	600	600	0.2	1	2.2	0.2	10	600	35	0.1	0.1	SOD-323HE (TUMD2SM)		—
8	RFU02VSM8S		—	TR	800	800	0.2	1	3	0.2	10	800	35	0.1	0.1			—
9	New RFN1VWM2S		TF	TR	200	200	1	20	0.93	1	1	200	25	0.5	1	(PMDE)		YES
10	New RFN2VWM2S		TF	TR	200	200	2	20	0.99	2	1	200	25	0.5	1			YES
11	RFC02MM2S		TF	TR	200	200	0.5	10	0.95	0.5	1	200	35	0.1	0.2	(PMDU) ⟨SOD-123FL⟩ [SC-109B]		YES
12	RF071MM2S		TF	TR	200	200	0.7	15	0.85	0.7	10	200	25	0.5	1			YES
13	RF081MM2S		TF	TR	200	200	0.8	20	0.95	0.8	10	200	25	0.5	1			YES
14	RF101LAM2S		TF	TR	200	200	1	20	0.87	1	10	200	25	0.5	1	(PMDTM) ⟨SOD-128⟩		YES
15	RF081LAM2S		TF	TR	200	200	1.1	25	0.98	1	10	200	25	0.5	1			YES
16	RF201LAM2S		TF	TR	200	200	2	20	0.87	2	10	200	25	0.5	1			YES
17	RF202LAM2S		TF	TR	200	200	2	20	0.93	2	10	200	25	0.5	1			YES
18	RF302LAM2S		TF	TR	200	200	3	20	0.92	3	10	200	25	0.5	1			YES
19	RF071LAM4S		TF	TR	400	400	1	15	1.25	0.7	10	400	25	0.5	1			YES
20	RF101LAM4S		TF	TR	400	400	1	25	1.25	1	10	400	25	0.5	1			YES
21	RF201LAM4S		TF	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
22	RFN2LAM4S		TF	TR	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
23	RFN1LAM6S		TF	TR	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1			YES
24	RFN2LAM6S		TF	TR	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES
25	RFN1LAM7S		TF	TR	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1			YES
26	RF101L2S	—	DD	TE25	200	200	1	20	0.87	1	10	200	25	0.5	1	DO-214AC (PMDS) ⟨SMA⟩		YES
27	RF081L2S		TF	TE25	200	200	1.1	25	0.98	1	10	200	25	0.5	1			YES
28	RF201L2S		DD	TE25	200	200	2	20	0.87	2	10	200	25	0.5	1			YES
29	RF071L4S		TF	TE25	400	400	1	15	1.25	0.7	10	400	25	0.5	1			YES
30	RF101L4S		TF	TE25	400	400	1	25	1.25	1	10	400	25	0.5	1			YES
31	RF201L4S		DD	TE25	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
32	RFN2L4S		DD	TE25	400	400	1.5	50	1.2	1.5	1	400	30	0.5	1			YES
33	RFN1L6S		DD	TE25	600	600	0.8	15	1.45	0.8	1	600	35	0.5	1			YES
34	RFN2L6S		DD	TE25	600	600	1.5	40	1.55	1.5	1	600	35	0.5	1			YES
35	RFN1L7S		DD	TE25	700	700	0.8	15	1.5	0.8	1	700	80	0.5	1			YES
36	RF04UA2D	*	FH	TR	200	200	0.4	1	0.98	0.2	10	200	25	0.5	1	SOT-457T (TSMD6)		YES

*General Part No. have no grade code.
*1 Value/Chip *2 V_R=6V, I_F=10mA, Irr=0.1×I_R
Note: Package is JEDEC code. ( ): ROHM Packages. ⟨ ⟩: GENERAL code. [ ]: JEITA code.

Fast Recovery Diodes

●Quick Reference for Power Fast Recovery Diodes

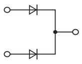
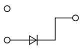
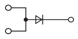
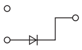
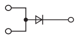
V_R (V)	I_O (A)	Surface Mount type						Through Hole type													
																					
		(TO-252GE) 〈DPAK〉 [SC-63]		TO-252 〈DPAK〉 [SC-63]		(TO-263S) 〈D2PAK〉		(TO-220FN) <2pin>		(TO-220FN) <3pin>		(TO-220NFM)		(TO-220AC)		(TO-220ACFP)		TO-247-2L (TO-247GE-2L)		TO-247-3L (TO-247GE-3L)	
200	3	RF301BGE2S RFN3BGE2S	23 24	RF301BM2S RFN3BM2S	38 39																
	5	RF501BGE2S RFN5BGE2S	25 26	RF501BM2S RFN5BM2S	40 41																
	6	RF601BGE2D RFN6BGE2D	1 2	RF601BM2D RFN6BM2D	3 4					RF601T2D RFN6T2D	10 11										
	10					RF1001NS2D	5			RF1001T2D RFN10T2D	12 13										
	16					RF1601NS2D	6			RF1601T2D RFN16T2D	14 15										
	20					RF2001NS2D	7			RF2001T2D RFN20T2D	16 17										
300	20					RF2001NS3D	8			RF2001T3D	18	RF1501TF3S	71								
350	5	RFN5BGE3S	27	RFN5BM3S	42																
	10	RFN10BGE3S	36	RFN10BM3S	51	RFN10NS3S	53														
	20					RFN20NS3S RFUH25NS3S RFUH20NS3S	54 55 56	RFUH25TB3S RFUH20TB3S	65 66												
430	10					RFN10NS4S RFUH10NS4S	57 58	RFN10TB4S RFUH10TB4S	67 68												
	20					RFN20NS4S RFUH20NS4S	59 60	RFN20TB4S RFUH20TB4S	69 70												
600	3	RFN3BGE6S RF305BGE6S	28 29	RFN3BM6S RF305BM6S	43 44																
	5	RFNL5BGE6S RFN5BGE6S RF505BGE6S RFV5BGE6S	30 31 32 33	RFNL5BM6S RFN5BM6S RF505BM6S RFV5BM6S	45 46 47 48							RFN5TF6S RF505TF6S RFUH5TF6S	72 73 74			RFNL5TJ6S	86				
	8	RFV8BGE6S	34	RFV8BM6S	49									RFVS8TG6S RFV8TG6S	81 82	RFVS8TJ6S RFV8TJ6S	87 88				
	10	RFNL10BGE6S RFN10BGE6S	35 37	RFNL10BM6S RFN10BM6S	50 52	RFN10NS6S RFUH10NS6S	61 62					RFN10TF6S RF1005TF6S RFUH10TF6S	75 76 77			RFNL10TJ6S	89				
	12													RFV12TG6S	83	RFV12TJ6S	90				
	15													RFV15TG6S	84	RFNL15TJ6S RFV15TJ6S	91 92				
	20					RFN20NS6S RFUH20NS6S	63 64					RFN20TF6S RFUH20TF6S	78 79			RFNL20TJ6S RFN20TJ6S RFUH20TJ6S	93 94 95				
	30													RFV30TG6S	85						
650	30																	New RFL30TZ6S New RFS30TZ6S	96 97	☆RFL30TS6D ☆RFS30TS6D	19 20
	60																	New RFL60TZ6S New RFS60TZ6S	98 99	☆RFL60TS6D ☆RFS60TS6D	21 22
800	5											RFN5TF8S	80								
	10					RFN10NS8D	9														

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code. ☆: Under Development

Fast Recovery Diodes

Fast Recovery Diodes
Example: RF601BM2D FH TL
Part No. Grade Code Taping Code

Power Fast Recovery Diodes 1

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25˚C)				Electrical Characteristics (T_j=25°C)*2							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O*1 (A)	I_{FSM} (A)*2 60Hz.1∿	V_F (V) Max	I_F (A)	I_R (μA) Max	V_R (V)	trr (ns) Max	I_F (A)	I_R (A)			
		General	Automotive															
1	RF601BGE2D	*	–	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	(TO-252GE) 〈DPAK〉 [SC-63]		–
2	RFN6BGE2D			TL	200	200	6	40	0.98	3	10	200	25	0.5	1			–
3	RF601BM2D	–	FH	TL	200	200	6	60	0.93	3	10	200	25	0.5	1	TO-252 〈DPAK〉 [SC-63]		YES
4	RFN6BM2D		FH	TL	200	200	6	40	0.98	3	10	200	25	0.5	1			YES
5	RF1001NS2D	*	FH	TL	200	200	10	80	0.93	5	10	200	25	0.5	1	(TO-263S) 〈D2PAK〉		YES
6	RF1601NS2D		FH	TL	200	200	16	100	0.93	8	10	200	30	0.5	1			YES
7	RF2001NS2D		FH	TL	200	200	20	100	0.93	10	10	200	30	0.5	1			YES
8	RF2001NS3D		FH	TL	350	300	20	100	1.3	10	10	300	25	0.5	1			YES
9	RFN10NS8D		FH	TL	800	800	10	60	2.1	5	10	800	40	0.5	1			YES
10	RF601T2D	NZ	–	C9	200	200	6	60	0.93	3	10	200	25	0.5	1	(TO-220FN) <3pin>		–
11	RFN6T2D	NZ	–	C9	200	200	6	40	0.98	3	10	200	25	0.5	1			–
12	RF1001T2D	NZ	–	C9	200	200	10	80	0.93	5	10	200	30	0.5	1			–
13	RFN10T2D	NZ	–	C9	200	200	10	80	0.98	5	10	200	25	0.5	1			–
14	RF1601T2D	NZ	–	C9	200	200	16	100	0.93	8	10	200	30	0.5	1			–
15	RFN16T2D	NZ	–	C9	200	200	16	100	0.98	8	10	200	30	0.5	1			–
16	RF2001T2D	NZ	–	C9	200	200	20	100	0.93	10	10	200	30	0.5	1			–
17	RFN20T2D	NZ	–	C9	200	200	20	100	0.98	10	10	200	30	0.5	1			–
18	RF2001T3D	NZ	–	C9	350	300	20	100	1.3	10	10	300	25	0.5	1			–
19	☆RFL30TS6D	G	–	C13	650	650	30	100	1.5	15	5	650	45	0.5	1	TO-247-3L (TO-247GE-3L)		–
20	☆RFS30TS6D	G	–	C13	650	650	30	80	2.3	15	5	650	30	0.5	1			–
21	☆RFL60TS6D	G	–	C13	650	650	60	180	1.5	30	5	650	55	0.5	1			–
22	☆RFS60TS6D	G	–	C13	650	650	60	150	2.3	30	5	650	35	0.5	1			–
23	RF301BGE2S	*	–	TL	200	200	3	40	0.93	3	10	200	25	0.5	1	(TO-252GE) 〈DPAK〉 [SC-63]		–
24	RFN3BGE2S			TL	200	200	3	40	0.98	3	10	200	25	0.5	1			–
25	RF501BGE2S			TL	200	200	5	40	0.92	5	1	200	25	0.5	1			–
26	RFN5BGE2S			TL	200	200	5	40	0.98	5	10	200	25	0.5	1			–
27	RFN5BGE3S			TL	350	350	5	50	1.5	5	10	350	30	0.5	1			–
28	RFN3BGE6S			TL	600	600	3	20	1.55	3	10	600	30	0.5	1			–
29	RF305BGE6S			TL	600	600	3	50	1.7	3	10	600	30	0.5	1			–
30	RFNL5BGE6S			TL	600	600	5	50	1.3	5	10	600	60	0.5	1			–
31	RFN5BGE6S			TL	600	600	5	30	1.55	5	10	600	50	0.5	1			–
32	RF505BGE6S			TL	600	600	5	50	1.7	5	10	600	30	0.5	1			–
33	RFV5BGE6S			TL	600	600	5	60	2.8	5	10	600	20	0.5	1			–
34	RFV8BGE6S			TL	600	600	8	100	2.8	8	10	600	25	0.5	1			–
35	RFNL10BGE6S			TL	600	600	10	100	1.25 1.3	8 10	10	600	65	0.5	1			–
36	RFN10BGE3S	*	–	TL	350	350	10	80	1.5	10	10	350	30	0.5	1			–
37	RFN10BGE6S			TL	600	600	10	100	1.55	10	10	600	50	0.5	1			–
38	RF301BM2S	–	FH	TL	200	200	3	40	0.93	3	10	200	25	0.5	1	TO-252 〈DPAK〉 [SC-63]		YES
39	RFN3BM2S		FH	TL	200	200	3	40	0.98	3	10	200	25	0.5	1			YES
40	RF501BM2S		FH	TL	200	200	5	40	0.92	5	1	200	25	0.5	1			YES
41	RFN5BM2S		FH	TL	200	200	5	40	0.98	5	10	200	25	0.5	1			YES
42	RFN5BM3S		FH	TL	350	350	5	50	1.5	5	10	350	30	0.5	1			YES
43	RFN3BM6S		FH	TL	600	600	3	20	1.55	3	10	600	30	0.5	1			YES
44	RF305BM6S		FH	TL	600	600	3	50	1.7	3	10	600	30	0.5	1			YES
45	RFNL5BM6S		FH	TL	600	600	5	50	1.3	5	10	600	60	0.5	1			YES
46	RFN5BM6S		FH	TL	600	600	5	30	1.55	5	10	600	50	0.5	1			YES
47	RF505BM6S		FH	TL	600	600	5	50	1.7	5	10	600	30	0.5	1			YES
48	RFV5BM6S		FH	TL	600	600	5	60	2.8	5	10	600	20	0.5	1			YES
49	RFV8BM6S		FH	TL	600	600	8	100	2.8	8	10	600	25	0.5	1			YES
50	RFNL10BM6S		FH	TL	600	600	10	100	1.25 1.3	8 10	10	600	65	0.5	1			YES
51	RFN10BM3S	–	FH	TL	350	350	10	80	1.5	10	10	350	30	0.5	1			YES
52	RFN10BM6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
53	RFN10NS3S	*	FH	TL	350	350	10	100	1.5	10	10	350	30	0.5	1	(TO-263S) 〈D2PAK〉		YES
54	RFN20NS3S		FH	TL	350	350	20	100	1.35	20	10	350	35	0.5	1			YES
55	RFUH25NS3S		FH	TL	350	350	20	100	1.45	20	10	350	30	0.5	1			YES
56	RFUH20NS3S		FH	TL	350	350	20	100	1.5	20	10	350	25	0.5	1			YES
57	RFN10NS4S		FH	TL	430	430	10	80	1.55	10	10	430	30	0.5	1			YES
58	RFUH10NS4S		FH	TL	430	430	10	80	1.7	10	10	430	25	0.5	1			YES
59	RFN20NS4S		FH	TL	430	430	20	100	1.55	20	10	430	30	0.5	1			YES
60	RFUH20NS4S		FH	TL	430	430	20	100	1.7	20	10	430	25	0.5	1			YES
61	RFN10NS6S		FH	TL	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
62	RFUH10NS6S		FH	TL	600	600	10	60	2.8	10	10	600	25	0.5	1			YES
63	RFN20NS6S		FH	TL	600	600	20	100	1.55	20	10	600	60	0.5	1			YES
64	RFUH20NS6S		FH	TL	600	600	20	100	2.8	20	10	600	35	0.5	1			YES

*General Part No. have no grade code.

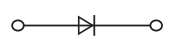
*1 I_O: Average rectified output current die. In case of 2 dies, I_O indicates average output current of 2 chips. *2 Value/Chip

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

☆: Under Development

Fast Recovery Diodes
Example: R F U H 2 5 T B 3 S N Z C 9
Part No. Grade Code Taping Code

Power Fast Recovery Diodes 2

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25°C)				Electrical Characteristics (T_j=25°C)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∿	V_F (V) Max	I_F (A)	I_R (μA) Max	V_R (V)	trr (ns) Max	I_F (A)	I_R (A)			
		General	Automotive															
65	RFUH25TB3S	NZ	–	C9	350	350	20	100	1.45	20	10	350	30	0.5	1	(TO-220FN) <2pin>		–
66	RFUH20TB3S	NZ	–	C9	350	350	20	100	1.5	20	10	350	25	0.5	1			–
67	RFN10TB4S	NZ	–	C9	430	430	10	80	1.7	10	10	430	25	0.5	1			–
68	RFUH10TB4S	NZ	–	C9	430	430	10	80	1.55	10	10	430	30	0.5	1			–
69	RFN20TB4S	NZ	–	C9	430	430	20	100	1.55	20	10	430	30	0.5	1			–
70	RFUH20TB4S	NZ	–	C9	430	430	20	100	1.7	20	10	430	25	0.5	1			–
71	RF1501TF3S	*	FH	C9	350	300	20	100	1.5	20	10	300	30	0.5	1	(TO-220NFM)		YES
72	RFN5TF6S		FH	C9	600	600	5	30	1.55	5	10	600	50	0.5	1			YES
73	RF505TF6S		FH	C9	600	600	5	80	1.7	5	10	600	30	0.5	1			YES
74	RFUH5TF6S		FH	C9	600	600	5	30	2.8	5	10	600	25	0.5	1			YES
75	RFN10TF6S		FH	C9	600	600	10	100	1.55	10	10	600	50	0.5	1			YES
76	RF1005TF6S		FH	C9	600	600	10	100	1.7	10	10	600	40	0.5	1			YES
77	RFUH10TF6S		FH	C9	600	600	10	60	2.8	10	10	600	25	0.5	1			YES
78	RFN20TF6S		FH	C9	600	600	20	100	1.55	20	10	600	60	0.5	1			YES
79	RFUH20TF6S		FH	C9	600	600	20	100	2.8	20	10	600	35	0.5	1			YES
80	RFN5TF8S		FH	C9	800	800	5	60	2.1	5	10	800	40	0.5	1			YES
81	RFVS8TG6S	G	–	C9	600	600	8	60	3	8	10	600	20	0.5	1	(TO-220AC)		–
82	RFV8TG6S	G	–	C9	600	600	8	100	2.8	8	10	600	25	0.5	1			–
83	RFV12TG6S	G	–	C9	600	600	12	120	2.8	12	10	600	25	0.5	1			–
84	RFV15TG6S	G	–	C9	600	600	15	150	2.8	15	10	600	30	0.5	1			–
85	RFV30TG6S	G	–	C9	600	600	30	200	2.8	30	10	600	40	0.5	1			–
86	RFNL5TJ6S	G	FHG	C9	600	600	5	50	1.3	5	10	600	60	0.5	1	(TO-220ACFP)		YES
87	RFVS8TJ6S	G	–	C9	600	600	8	60	3	8	10	600	20	0.5	1			–
88	RFV8TJ6S	G	–	C9	600	600	8	100	2.8	8	10	600	25	0.5	1			–
89	RFNL10TJ6S	G	FHG	C9	600	600	10	120	1.25 1.3	8 10	10	600	65	0.5	1			YES
90	RFV12TJ6S	G	–	C9	600	600	12	120	2.8	12	10	600	25	0.5	1			–
91	RFNL15TJ6S	G	FHG	C9	600	600	15	160	1.3	15	10	600	65	0.5	1			YES
92	RFV15TJ6S	G	–	C9	600	600	15	150	2.8	15	10	600	30	0.5	1			–
93	RFNL20TJ6S	G	FHG	C9	600	600	20	200	1.3	20	10	600	70	0.5	1			YES
94	RFN20TJ6S	G	FHG	C9	600	600	20	150	1.55	20	10	600	60	0.5	1			YES
95	RFUH20TJ6S	G	FHG	C9	600	600	20	120	2.8	20	10	600	35	0.5	1			YES
96	New RFL30TZ6S	G	–	C13	650	650	30	200	1.5	30	5	650	55	0.5	1	TO-247-2L (TO-247GE-2L)		–
97	New RFS30TZ6S	G	–	C13	650	650	30	160	2.3	30	5	650	35	0.5	1			–
98	New RFL60TZ6S	G	–	C13	650	650	60	320	1.5	60	10	650	75	0.5	1			–
99	New RFS60TZ6S	G	–	C13	650	650	60	250	2.3	60	10	650	55	0.5	1			–

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages.

Rectifier Diodes

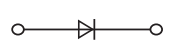
Rectifier Diodes
Example: RRE07VTM4S FH TR
Part No. Grade Code Taping Code

●Quick Reference for Rectifier Diodes

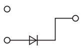
	V_R (V)	I_O (A)	Surface Mount type				Through Hole type	
								
			2514 size SOD-323HE (TUMD2SM)		TO-252 〈DPAK〉 [SC-63]		(TO-220ACFP)	
General Purpose Rectifier Diodes	400	0.2	RRE02VSM4S RRE02VTM4S	1 2				
		0.7	RRE07VSM4S RRE07VTM4S	3 4				
	600	0.2	RRE02VSM6S RRE02VTM6S	5 6				
		0.7	RRE07VSM6S RRE07VTM6S	7 8				
Power Rectifier Diodes	400	6			RR601BM4S	9		
	1,000	20					RRD20TJ10S	10

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

General Purpose Rectifier Diodes

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25°C or Tl=25°C)				Electrical Characteristics (T_j=25°C)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code General	Grade Code Automotive	Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∿	V_F (V) Max	I_F (A)	I_R (μA) Max	V_R (V)	trr (ns) Max	I_F (mA)	I_R (mA)			
1	**RRE02VSM4S**	*	–	TR	400	400	0.2	1	1.1	0.2	1	400	–	–	–	SOD-323HE (TUMD2SM)		–
2	**RRE02VTM4S**	–	FH	TR	400	400	0.2	1	1.1	0.2	1	400	–	–	–			YES
3	**RRE07VSM4S**	*	–	TR	400	400	0.7	2	1.1	0.7	1	400	–	–	–			–
4	**RRE07VTM4S**	–	FH	TR	400	400	0.7	2	1.1	0.7	1	400	–	–	–			YES
5	**RRE02VSM6S**	*	–	TR	600	600	0.2	1	1.1	0.2	1	600	–	–	–			–
6	**RRE02VTM6S**	–	FH	TR	600	600	0.2	1	1.1	0.2	1	600	–	–	–			YES
7	**RRE07VSM6S**	*	–	TR	600	600	0.7	2	1.1	0.7	1	600	–	–	–			–
8	**RRE07VTM6S**	–	FH	TR	600	600	0.7	2	1.1	0.7	1	600	–	–	–			YES

Power Rectifier Diodes

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_C=25°C or Tl=25°C)				Electrical Characteristics (T_j=25°C)							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code General	Grade Code Automotive	Taping Code	V_{RM} (V)	V_R (V)	I_O (A)	I_{FSM} (A) 60Hz.1∿	V_F (V) Max	I_F (A)	I_R (μA) Max	V_R (V)	trr (ns) Max	I_F (mA)	I_R (mA)			
9	**RR601BM4S**	–	FH	TL	400	400	6	40	1.1	6	10	400	–	–	–	TO-252 〈DPAK〉 [SC-63]		YES
10	**RRD20TJ10S**	G	–	C9	1,000	1,000	20	200	1.05	20	10	1,000	–	–	–	(TO-220ACFP)		–

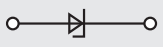
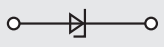
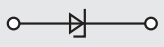
*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

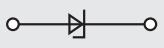
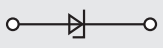
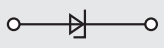
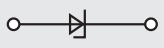
Zener Diodes

Zener Diodes
Example: EDZV FH T2R 3.6B

Part No.	Grade Code	Taping Code	Zener Voltage	Sub Division
EDZV	FH	T2R	3.6	B

Zener Diodes 1

	Surface Mount type															
Package																
	0603 size DSN0603-2 (SMD0603)				1006 size SOD-923 (VMN2M)				1608 size SOD-523 (EMD2) [SC-79]				2512 size SOD-323FL (UMD2) [SC-90A]			
Equivalent Circuit Diagram																
Series Name	RASMID™ ADZ series				CDZV series				EDZV series				UFZV series			
Automotive Grade Code	—				—				FH				FH			
Power (mW)	100				100				150				500			
Taping Code	T15R				T2R				T2R				TE-17			
Electrical Characteristics (T_a=25°C)	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101
Voltage	—	—	—	—	2.0B	2.02 to 2.20	5	—	2.0B	2.02 to 2.20	5	—	—	—	—	—
	—	—	—	—	2.2B	2.22 to 2.41	5	—	2.2B	2.22 to 2.41	5	—	—	—	—	—
	—	—	—	—	2.4B	2.43 to 2.63	5	—	2.4B	2.43 to 2.63	5	—	—	—	—	—
	—	—	—	—	2.7B	2.69 to 2.91	5	—	2.7B	2.69 to 2.91	5	—	—	—	—	—
	—	—	—	—	3.0B	3.01 to 3.22	5	—	3.0B	3.01 to 3.22	5	—	—	—	—	—
	—	—	—	—	3.3B	3.32 to 3.53	5	—	3.3B	3.32 to 3.53	5	—	—	—	—	—
	—	—	—	—	3.6B	3.600 to 3.845	5	—	3.6B	3.600 to 3.845	5	YES	3.6B	3.580 to 3.836	20	—
	—	—	—	—	3.9B	3.89 to 4.16	5	—	3.9B	3.89 to 4.16	5	YES	3.9B	3.870 to 4.151	20	—
	—	—	—	—	4.3B	4.17 to 4.43	5	—	4.3B	4.17 to 4.43	5	YES	4.3B	4.151 to 4.423	20	—
	—	—	—	—	4.7B	4.55 to 4.75	5	—	4.7B	4.55 to 4.75	5	YES	4.7B	4.534 to 4.795	20	YES
	5.1B	4.975 to 5.230	5	—	5.1B	4.98 to 5.20	5	—	5.1B	4.98 to 5.20	5	YES	5.1B	4.940 to 5.200	20	YES
	5.6B	5.510 to 5.800	5	—	5.6B	5.49 to 5.73	5	—	5.6B	5.49 to 5.73	5	YES	5.6B	5.450 to 5.730	20	YES
	6.2B	6.020 to 6.335	5	—	6.2B	6.06 to 6.33	5	—	6.2B	6.06 to 6.33	5	YES	6.2B	5.976 to 6.307	20	YES
	6.8B	6.670 to 7.015	5	—	6.8B	6.65 to 6.93	5	—	6.8B	6.65 to 6.93	5	YES	6.8B	6.525 to 6.865	20	YES
	7.5B	7.330 to 7.710	5	—	7.5B	7.28 to 7.60	5	—	7.5B	7.28 to 7.60	5	YES	7.5B	7.104 to 7.509	20	YES
	8.2B	8.000 to 8.400	5	—	8.2B	8.02 to 8.36	5	—	8.2B	8.02 to 8.36	5	YES	8.2B	7.827 to 8.265	20	YES
	☆9.1B	8.750 to 9.190	5	—	9.1B	8.85 to 9.23	5	—	9.1B	8.85 to 9.23	5	YES	9.1B	8.635 to 9.106	20	YES
	☆10B	9.560 to 10.04	5	—	10B	9.77 to 10.21	5	—	10B	9.77 to 10.21	5	YES	10B	9.497 to 10.050	20	YES
	☆11B	10.54 to 11.08	5	—	11B	10.76 to 11.22	5	—	11B	10.76 to 11.22	5	YES	11B	10.550 to 11.160	10	YES
	☆12B	11.63 to 12.21	5	—	12B	11.74 to 12.24	5	—	12B	11.74 to 12.24	5	YES	12B	11.510 to 12.160	10	YES
	☆13B	12.85 to 13.49	5	—	13B	12.91 to 13.49	5	—	13B	12.91 to 13.49	5	YES	13B	12.640 to 13.340	10	YES
	☆15B	14.30 to 15.02	5	—	15B	14.34 to 14.98	5	—	15B	14.34 to 14.98	5	YES	15B	14.000 to 14.790	10	YES
	☆16B	15.96 to 16.76	5	—	16B	15.85 to 16.51	5	—	16B	15.85 to 16.51	5	YES	16B	15.390 to 16.240	10	YES
	☆18B	17.52 to 18.41	2	—	18B	17.56 to 18.35	2	—	18B	17.56 to 18.35	5	YES	18B	17.000 to 17.950	10	YES
	—	—	—	—	20B	19.52 to 20.39	2	—	20B	19.52 to 20.39	5	YES	20B	18.870 to 19.890	10	YES
	—	—	—	—	22B	21.54 to 22.47	2	—	22B	21.54 to 22.47	5	YES	22B	20.770 to 21.920	5	YES
	—	—	—	—	24B	23.72 to 24.78	2	—	24B	23.72 to 24.78	5	YES	24B	22.780 to 24.020	5	YES
	—	—	—	—	27B	26.19 to 27.53	2	—	27B	26.19 to 27.53	2	YES	27B	25.190 to 26.560	5	YES
	—	—	—	—	30B	29.19 to 30.69	2	—	30B	29.19 to 30.69	2	YES	30B	27.980 to 29.500	5	YES
	—	—	—	—	33B	32.15 to 33.79	2	—	33B	32.15 to 33.79	2	YES	33B	30.660 to 32.320	5	YES
	—	—	—	—	36B	35.07 to 36.87	2	—	36B	35.07 to 36.87	2	YES	36B	33.230 to 35.010	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	39B	35.880 to 37.790	5	YES

	Surface Mount type															
Package																
	2512 size SOD-323FL (UMD2) [SC-90A]				2512 size SOD-323FL (UMD2) [SC-90A]				2514 size SOD-323HE (TUMD2M) [SC-108B]				2514 size SOD-323HE (TUMD2M) [SC-108B]			
Equivalent Circuit Diagram																
Series Name	UDZV series				UDZLV series				TFZV series				YFZV series			
Automotive Grade Code	FH				FH				—				FH			
Power (mW)	200				200				500				500			
Taping Code	TE-17				TE-17				TR				TR			
Electrical Characteristics (T_a=25°C)	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101
Voltage	2.0B	2.02 to 2.20	5	YES	51	48 to 54	2	YES	2.0B	2.02 to 2.20	20	—	—	—	—	—
	2.2B	2.22 to 2.41	5	YES	56	53 to 60	2	YES	2.2B	2.22 to 2.41	20	—	—	—	—	—
	2.4B	2.43 to 2.63	5	YES	62	58 to 66	2	YES	2.4B	2.43 to 2.63	20	—	—	—	—	—
	2.7B	2.69 to 2.91	5	YES	68	64 to 72	2	YES	2.7B	2.69 to 2.91	20	—	—	—	—	—
	3.0B	3.01 to 3.22	5	YES	75	70 to 79	2	YES	3.0B	3.01 to 3.22	20	—	3.0B	3.01 to 3.22	20	YES
	3.3B	3.32 to 3.53	5	YES	82	77 to 87	2	YES	3.3B	3.32 to 3.53	20	—	3.3B	3.32 to 3.53	20	YES
	3.6B	3.600 to 3.845	5	YES	91	85 to 96	1	YES	3.6B	3.600 to 3.845	20	—	3.6B	3.600 to 3.845	20	YES
	3.9B	3.89 to 4.16	5	YES	100	94 to 106	1	YES	3.9B	3.89 to 4.16	20	—	3.9B	3.89 to 4.16	20	YES
	4.3B	4.17 to 4.43	5	YES	110	104 to 116	1	YES	4.3B	4.17 to 4.43	20	—	4.3B	4.17 to 4.43	20	YES
	4.7B	4.55 to 4.75	5	YES	120	114 to 126	1	YES	4.7B	4.55 to 4.80	20	—	4.7B	4.55 to 4.80	20	YES
	5.1B	4.98 to 5.20	5	YES	130	122 to 138	1	—	5.1B	4.94 to 5.20	20	—	5.1B	4.94 to 5.20	20	YES
	5.6B	5.49 to 5.73	5	YES	150	140 to 160	1	—	5.6B	5.45 to 5.73	20	—	5.6B	5.45 to 5.73	20	YES
	6.2B	6.06 to 6.33	5	YES	—	—	—	—	6.2B	5.96 to 6.27	20	—	6.2B	5.96 to 6.27	20	YES
	6.8B	6.65 to 6.93	5	YES	—	—	—	—	6.8B	6.49 to 6.83	20	—	6.8B	6.49 to 6.83	20	YES
	7.5B	7.28 to 7.60	5	YES	—	—	—	—	7.5B	7.07 to 7.45	20	—	7.5B	7.07 to 7.45	20	YES
	8.2B	8.02 to 8.36	5	YES	—	—	—	—	8.2B	7.78 to 8.19	20	—	8.2B	7.78 to 8.19	20	YES
	9.1B	8.85 to 9.23	5	YES	—	—	—	—	9.1B	8.57 to 9.01	20	—	9.1B	8.57 to 9.01	20	YES
	10B	9.77 to 10.21	5	YES	—	—	—	—	10B	9.41 to 9.90	20	—	10B	9.41 to 9.90	20	YES
	11B	10.76 to 11.22	5	YES	—	—	—	—	11B	10.50 to 11.05	10	—	11B	10.50 to 11.05	10	YES
	12B	11.74 to 12.24	5	YES	—	—	—	—	12B	11.44 to 12.03	10	—	12B	11.44 to 12.03	10	YES
	13B	12.91 to 13.49	5	YES	—	—	—	—	13B	12.55 to 13.21	10	—	13B	12.55 to 13.21	10	YES
	15B	14.34 to 14.98	5	YES	—	—	—	—	15B	13.89 to 14.62	10	—	15B	13.89 to 14.62	10	YES
	16B	15.85 to 16.51	5	YES	—	—	—	—	16B	15.25 to 16.04	10	—	16B	15.25 to 16.04	10	YES
	18B	17.56 to 18.35	5	YES	—	—	—	—	18B	16.82 to 17.70	10	—	18B	16.82 to 17.70	10	YES
	20B	19.52 to 20.39	5	YES	—	—	—	—	20B	18.63 to 19.59	10	—	20B	18.63 to 19.59	10	YES
	22B	21.54 to 22.47	5	YES	—	—	—	—	22B	20.64 to 21.71	5	—	22B	20.64 to 21.71	5	YES
	24B	23.72 to 24.78	5	YES	—	—	—	—	24B	22.61 to 23.77	5	—	24B	22.61 to 23.77	5	YES
	27B	26.19 to 27.53	5	YES	—	—	—	—	27B	24.97 to 26.26	5	—	27B	24.97 to 26.26	5	YES
	30B	29.19 to 30.69	5	YES	—	—	—	—	30B	27.70 to 29.13	5	—	30B	27.70 to 29.13	5	YES
	33B	32.15 to 33.79	5	YES	—	—	—	—	33B	30.32 to 31.88	5	—	—	—	—	—
	36B	35.07 to 36.87	5	YES	—	—	—	—	36B	32.79 to 34.49	5	—	—	—	—	—
	39B	38.02 to 39.98	2	YES	—	—	—	—	39B	35.36 to 37.19	5	—	—	—	—	—
	43	40.00 to 45.00	2	YES	—	—	—	—	—	—	—	—	—	—	—	—
	47	44.00 to 49.00	2	YES	—	—	—	—	—	—	—	—	—	—	—	—

◎RASMID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.
RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.
Note1: This table shows available voltages.
Note2: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

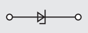
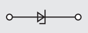
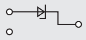
☆: Under Development

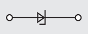
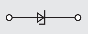
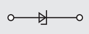
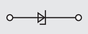
Diodes

Zener Diodes

Zener Diodes
Example: YDZV FH TR 13
Part No. Grade Code Taping Code Zener Voltage

Zener Diodes 2

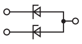
	Surface Mount type															
Package	 2514 size SOD-323HE (TUMD2M) [SC-108B]				 2514 size SOD-323HE (TUMD2SM) [SC-108B]				 2924 size SOT-23 (SSD3)				 2924 size SOT-23 (SSD3)			
Equivalent Circuit Diagram																
Series Name	TDZV series				YDZV series				BZX84BxxLY series				BZX84CxxLY series			
Automotive Grade Code	—				FH				FH				FH			
Power (mW)	500				500				250				250			
Taping Code	TR				TR				T116				T116			
Electrical Characteristics (T_a=25°C)	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101
Voltage	—	—	—	—	—	—	—	—	—	—	—	—	2V4	2.20 to 2.60	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	2V7	2.50 to 2.90	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	3V0	2.80 to 3.20	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	3V3	3.10 to 3.50	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	3V6	3.40 to 3.80	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	3V9	3.70 to 4.10	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	4V3	4.00 to 4.60	5	YES
	—	—	—	—	—	—	—	—	—	—	—	—	4V7	4.40 to 5.00	5	YES
	5.1	4.60 to 5.60	10	—	—	—	—	—	5V1	5.00 to 5.20	5	YES	5V1	4.80 to 5.40	5	YES
	5.6	5.10 to 6.10	10	—	—	—	—	—	5V6	5.49 to 5.71	5	YES	5V6	5.20 to 6.00	5	YES
	6.2	5.60 to 6.80	10	—	—	—	—	—	6V2	6.08 to 6.32	5	YES	6V2	5.80 to 6.60	5	YES
	6.8	6.20 to 7.40	10	—	—	—	—	—	6V8	6.66 to 6.94	5	YES	6V8	6.40 to 7.20	5	YES
	7.5	6.80 to 8.30	10	—	—	—	—	—	7V5	7.35 to 7.65	5	YES	7V5	7.00 to 7.90	5	YES
	8.2	7.40 to 9.00	10	—	—	—	—	—	8V2	8.04 to 8.36	5	YES	8V2	7.70 to 8.70	5	YES
	9.1	8.20 to 10.00	10	—	—	—	—	—	9V1	8.92 to 9.28	5	YES	9V1	8.50 to 9.60	5	YES
	10	9.00 to 11.00	10	—	—	—	—	—	10V	9.80 to 10.20	5	YES	10V	9.40 to 10.60	5	YES
	11	9.90 to 12.10	10	—	—	—	—	—	11V	10.80 to 11.20	5	YES	11V	10.40 to 11.60	5	YES
	12	10.80 to 13.20	10	—	—	—	—	—	12V	11.80 to 12.20	5	YES	12V	11.40 to 12.70	5	YES
	13	11.70 to 14.30	10	—	13	11.70 to 14.30	10	YES	13V	12.70 to 13.30	5	YES	13V	12.40 to 14.10	5	YES
	15	13.50 to 16.50	10	—	15	13.50 to 16.50	10	YES	15V	14.70 to 15.30	5	YES	15V	13.80 to 15.60	5	YES
	16	14.40 to 17.60	10	—	16	14.40 to 17.60	10	YES	16V	15.70 to 16.30	5	YES	16V	15.30 to 17.10	5	YES
	18	16.20 to 19.80	10	—	18	16.20 to 19.80	10	YES	18V	17.60 to 18.40	5	YES	18V	16.80 to 19.10	5	YES
	20	18.00 to 22.00	10	—	20	18.00 to 22.00	10	YES	20V	19.60 to 20.40	5	YES	20V	18.80 to 21.20	5	YES
	22	19.80 to 24.20	10	—	22	19.80 to 24.20	10	YES	22V	21.60 to 22.40	5	YES	22V	20.80 to 23.30	5	YES
	24	21.60 to 26.40	10	—	24	21.60 to 26.40	10	YES	24V	23.50 to 24.50	5	YES	24V	22.80 to 25.60	5	YES
	27	24.30 to 29.70	10	—	27	24.30 to 29.70	10	YES	27V	26.50 to 27.50	2	YES	27V	25.10 to 28.90	2	YES
	30	27.00 to 33.00	10	—	—	—	—	—	30V	29.40 to 30.60	2	YES	30V	28.00 to 32.00	2	YES
	—	—	—	—	—	—	—	—	33V	32.30 to 33.70	2	YES	33V	31.00 to 35.00	2	YES
	—	—	—	—	—	—	—	—	36V	35.30 to 36.70	2	YES	36V	34.00 to 38.00	2	YES

	Surface Mount type															
Package	 3516 size (PMDU) 〈SOD-123FL〉 [SC-109B]				 3516 size (PMDU) 〈SOD-123FL〉 [SC-109B]				 4725 size (PMDTM) 〈SOD-128〉				 5026 size (PMDS) DO-214AC 〈SMA〉			
Equivalent Circuit Diagram																
Series Name	KDZV series				KDZLV series				PDZV series				PTZ series*			
Automotive Grade Code	TF				TF				TF				TF			
Power (mW)	1,000				1,000				1,000				1,000			
Taping Code	TR				TR				TR				TE25			
Electrical Characteristics (T_a=25°C)	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101	V_Z (V)		I_Z (mA)	Automotive Grade AEC-Q101
Voltage	2.0B	2.00 to 2.24	40	YES	51	48 to 54	2	YES	2.0B	2.00 to 2.24	40	YES	2.0B	2.00 to 2.24	40	YES
	2.2B	2.20 to 2.45	40	YES	56	53 to 60	2	YES	2.2B	2.20 to 2.45	40	YES	2.2B	2.20 to 2.45	40	YES
	2.4B	2.40 to 2.70	40	YES	62	58 to 66	2	YES	2.4B	2.40 to 2.70	40	YES	2.4B	2.40 to 2.70	40	YES
	2.7B	2.70 to 3.10	40	YES	68	64 to 72	2	YES	2.7B	2.70 to 3.10	40	YES	2.7B	2.70 to 3.10	40	YES
	3.0B	3.00 to 3.40	40	YES	75	70 to 79	2	YES	3.0B	3.00 to 3.40	40	YES	3.0B	3.00 to 3.40	40	YES
	3.3B	3.30 to 3.70	40	YES	82	77 to 87	2	YES	3.3B	3.30 to 3.70	40	YES	3.3B	3.30 to 3.70	40	YES
	3.6B	3.60 to 4.00	40	YES	91	85 to 96	2	YES	3.6B	3.60 to 4.00	40	YES	3.6B	3.60 to 4.00	40	YES
	3.9B	3.90 to 4.40	40	YES	100	94 to 106	2	YES	3.9B	3.90 to 4.40	40	YES	3.9B	3.90 to 4.40	40	YES
	4.3B	4.30 to 4.80	40	YES	110	104 to 116	2	YES	4.3B	4.30 to 4.80	40	YES	4.3B	4.30 to 4.80	40	YES
	4.7B	4.70 to 5.20	40	YES	120	114 to 126	2	YES	4.7B	4.70 to 5.20	40	YES	4.7B	4.70 to 5.20	40	YES
	5.1B	5.10 to 5.70	40	YES	130	122 to 138	2	YES	5.1B	5.10 to 5.70	40	YES	5.1B	5.10 to 5.70	40	YES
	5.6B	5.60 to 6.30	40	YES	150	140 to 160	2	YES	5.6B	5.60 to 6.30	40	YES	5.6B	5.60 to 6.30	40	YES
	6.2B	6.20 to 7.00	40	YES	—	—	—	—	6.2B	6.20 to 7.00	40	YES	6.2B	6.20 to 7.00	40	YES
	6.8B	6.80 to 7.70	40	YES	—	—	—	—	6.8B	6.80 to 7.70	40	YES	6.8B	6.80 to 7.70	40	YES
	7.5B	7.50 to 8.40	40	YES	—	—	—	—	7.5B	7.50 to 8.40	40	YES	7.5B	7.50 to 8.40	40	YES
	8.2B	8.20 to 9.30	40	YES	—	—	—	—	8.2B	8.20 to 9.30	40	YES	8.2B	8.20 to 9.30	40	YES
	9.1B	9.10 to 10.20	40	YES	—	—	—	—	9.1B	9.10 to 10.20	40	YES	9.1B	9.10 to 10.20	40	YES
	10B	10.00 to 11.20	40	YES	—	—	—	—	10B	10.00 to 11.20	40	YES	10B	10.00 to 11.20	40	YES
	11B	11.00 to 12.30	20	YES	—	—	—	—	11B	11.00 to 12.30	20	YES	11B	11.00 to 12.30	20	YES
	12B	12.00 to 13.50	20	YES	—	—	—	—	12B	12.00 to 13.50	20	YES	12B	12.00 to 13.50	20	YES
	13B	13.30 to 15.00	20	YES	—	—	—	—	13B	13.30 to 15.00	20	YES	13B	13.30 to 15.00	20	YES
	15B	14.70 to 16.50	20	YES	—	—	—	—	15B	14.70 to 16.50	20	YES	15B	14.70 to 16.50	20	YES
	16B	16.20 to 18.30	20	YES	—	—	—	—	16B	16.20 to 18.30	20	YES	16B	16.20 to 18.30	20	YES
	18B	18.00 to 20.30	20	YES	—	—	—	—	18B	18.00 to 20.30	20	YES	18B	18.00 to 20.30	20	YES
	20B	20.00 to 22.40	20	YES	—	—	—	—	20B	20.00 to 22.40	20	YES	20B	20.00 to 22.40	20	YES
	22B	22.00 to 24.50	10	YES	—	—	—	—	22B	22.00 to 24.50	10	YES	22B	22.00 to 24.50	10	YES
	24B	24.00 to 27.60	10	YES	—	—	—	—	24B	24.00 to 27.60	10	YES	24B	24.00 to 27.60	10	YES
	27B	27.00 to 30.80	10	YES	—	—	—	—	27B	27.00 to 30.80	10	YES	27B	27.00 to 30.80	10	YES
	30B	30.00 to 34.00	10	YES	—	—	—	—	30B	30.00 to 34.00	10	YES	30B	30.00 to 34.00	10	YES
	33B	33.00 to 37.00	10	YES	—	—	—	—	33B	33.00 to 37.00	10	YES	33B	33.00 to 37.00	10	YES
	36B	36.00 to 40.00	10	YES	—	—	—	—	36B	36.00 to 40.00	10	YES	36B	36.00 to 40.00	10	YES
	39A	37.00 to 44.00	10	YES	—	—	—	—	—	—	—	—	—	—	—	—
	43A	40.00 to 46.00	10	YES	—	—	—	—	—	—	—	—	—	—	—	—
	47A	44.00 to 50.00	2	YES	—	—	—	—	—	—	—	—	—	—	—	—

*Only Automotive Grade
Note1: This table shows available voltages.
Note2: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

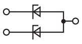
Zener Diodes

Quick Reference for Protection Devices [2 Elements]

Product No.				Absolute Maximum Ratings (T_a=25°C)	Electrical Characteristics (T_a=25°C)		Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	V_Z (V)				
	General	Automotive				I_Z (mA)			
UMZ6.8NFM	*	FH	T106	200	6.65 to 6.93	5	 SOT-323 (UMD3) [SC-70]		YES
UMZ12NFM		FH	T106	200	11.74 to 12.24	5			YES
UMZ16NFM		FH	T106	200	12.91 to 13.49	5			YES
UMZ18NFM		FH	T106	200	15.85 to 16.51	5			YES
UMZ27NFM		FH	T106	200	23.72 to 24.78	5			YES
UMZ30NFM		FH	T106	200	26.19 to 27.53	5			YES
UMZ36NFM		FH	T106	200	32.15 to 33.79	5			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Low Capacitance Protection Devices

Product No.				Absolute Maximum Ratings (T_a=25°C)	Electrical Characteristics (T_a=25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	V_Z (V)		Ct (pF) Typ					
	General	Automotive				I_Z (mA)		f (MHz)	V_R (V)			
CDZCV5.1B	*	–	T2R	100	4.98 to 5.20	5	5.5	1	0	 SOD-923 (VMN2M)		–
CDZCV6.8B		–	T2R	100	6.65 to 6.93	5	3	1	0			–
EDZCV6.8B		–	T2R	150	6.65 to 6.93	5	3	1	0	 SOD-523 (EMD2) [SC-79]		–
RSAC6.8CM		–	T2R	100	6.70 to 7.33	5	0.3	1	0	 SOD-923 (VMN2M)		–
RSAC16CM		–	T2R	100	16.49 to 17.51	5	0.3	1	0			–
UMZC6.8NFM		FH	T106	200	6.47 to 7.14	5	3	1	0	 SOT-323 (UMD3) [SC-70]		YES
UMZU6.2NFM		FH	T106	200	5.90 to 6.50	5	8	1	0			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Ultra Low Capacitance Bi-Directional Zener Diode

Product No.				Absolute Maximum Ratings (T_a=25°C)	Electrical Characteristics (T_a=25°C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	P_D (mW)	V_Z (V)		Ct (pF) Typ					
	General	Automotive				I_Z (mA)		f (MHz)	V_R (V)			
RSBC6.8CM	*	–	T2N	100	6.62 to 7.24	5	1	1	0	 SOD-923 (VMN2M)		–

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages.

TVS

●Quick Reference TVS (ESD Protection Devices)

V_{RWM} (V)	Surface Mount type																	
	0603 size		1006 size		2924 size		2513 size		3516 size		4725 size		6546 size					
																		
	DSN0603-2 (SMD0603B)		DSN1006-2 (SMD1006)		SOT-23 (SSD3)		(PMDE)		(PMDU) 〈SOD-123FL〉 [SC-109B]		(PMDTM) 〈SOD-128〉		TO-277A (TO-277GE)		TO-252 〈DPAK〉 [SC-63]		(TO-263S) 〈D2PAK〉	
3.0					MMBZ5V6ALY MMBZ6V2ALY	6 7												
4.5					MMBZ6V8ALY	8												
5.0							VS5V0UA1VWM	22	SMF5V0	54	VS5V0UA1LAM	77						
6.0					MMBZ9V1ALY	9	New VS6V0UA1VWM	23	SMF6V0	55	VS6V0UA1LAM	78						
6.3			VS6V3UC1QS	5														
6.5					MMBZ10VALY	10	New VS6V5UA1VWM	24	SMF6V5	56								
7.0	VS7V0UD1HS	1							SMF7V0	57	VS7V0UA1LAM	79						
7.5							New VS7V5UA1VWM	25	SMF7V5	58								
8.0									SMF8V0	59	VS8V0UA1LAM	80						
8.5					MMBZ12VALY	11												
9.0	VS9V0UD1HS	2					New VS9V0UA1VWM	26	SMF9V0	60	VS9V0UA1LAM	81						
10.0									SMF10V	61	VS10VUA1LAM	82						
11.0							New VS11VUA1VWM	27	SMF11V	62	VS11VUA1LAM	83						
12.0	VS12V0UD1HS	3			MMBZ15VALY	12	New VS12VUA1VWM	28	SMF12V	63	VS12VUA1LAM	84						
13.0					MMBZ16VALY	13	New VS13VUA1VWM	29	SMF13V	64	VS13VUA1LAM	85						
14.0									SMF14V	65	VS14VUA1LAM	86						
14.5					MMBZ18VALY	14												
15.0	VS15V0UD1HS	4					New VS15VUA1VWM	30	SMF15V	66	VS15VUA1LAM	87						
16.0							New VS16VUA1VWM	31	SMF16V	67	VS16VUA1LAM	88						
17.0					MMBZ20VALY	15	New VS17VUA1VWM	32	SMF17V	68	VS17VUA1LAM	89						
18.0							New VS18VUA1VWM	33	SMF18V	69	VS18VUA1LAM	90						
20.0					MMBZ24VALY	16	New VS20VUA1VWM	34	SMF20V	70	VS20VUA1LAM	91						
22.0					MMBZ27VALY MMBZ27VCLY	17 21	New VS22VUA1VWM	35	SMF22V	71	VS22VUA1LAM	92	New RSDT27RSM	97	RSDT27BM	99	RSDT27NS	101
24.0					MMBZ30VALY	18	New VS24VUA1VWM	36	SMF24V	72	VS24VUA1LAM	93	New RSDT30RSM	98	RSDT30BM	100	RSDT30NS	102
26.0					MMBZ33VALY	19	New VS26VUA1VWM	37	SMF26V	73	VS26VUA1LAM	94						
28.0					MMBZ36VALY	20			SMF28V	74	VS28VUA1LAM	95						
30.0							New VS30VUA1VWM	38	SMF30V	75	VS30VUA1LAM	96						
33.0							New VS33VUA1VWM	39	SMF33V	76								
36.0							New VS36VUA1VWM	40										
40.0							New VS40VUA1VWM	41										
43.0							New VS43VLNVWM	42										
48.0							New VS48VLNVWM	43										
54.0							New VS54VLNVWM	44										
58.0							New VS58VLNVWM	45										
64.0							New VS64VLNVWM	46										
70.0							New VS70VLNVWM	47										
78.0							New VS78VLNVWM	48										
85.0							New VS85VLNVWM	49										
90.0							New VS90VLNVWM	50										
100							New VS100VLNVWM	51										
110							New VS110VLNVWM	52										
130							New VS130VLNVWM	53										

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

●Quick Reference Bi-Directional TVS

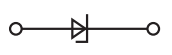
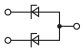
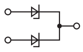
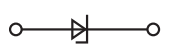
V_{RWM} (V)	Surface Mount type											
	0402 size		0603 size				1006 size		2012 size		2924 size	
												
	DSN0402-2 (SMD0402)		DSN0603-2 (SMD0603)		DSN0603-2 (SMD0603B)		DSN1006-2 (SMD1006)		DSN2012-2 (SMD2012)		SOT-23 (SSD3)	
3.3	RASMID™ VS3V3BA1FS RASMID™ VS3V3BB1FS RASMID™ VS3V3BT1FS	103 104 105	RASMID™ VS3V3BA1ES RASMID™ VS3V3BB1ES	109 110	RASMID™ VS3V3BC1HS RASMID™ VS3V3BL1HS RASMID™ VS3V3BN1HS	108 121 122						
4.5							RASMID™ VS4V5BU1QS	115				
4.8									RASMID™ VS4V8BU1AR	116		
5.0	RASMID™ VS5V0BA1FS RASMID™ VS5V0BB1FS	106 107	RASMID™ VS5V0BA1ES RASMID™ VS5V0BB1ES RASMID™ VS5V0BC1ES	111 112 113	RASMID™ VS5V0BL1HS RASMID™ VS5V0BN1HS	123 124	RASMID™ VS5V0BL1QS	125				
12.0					RASMID™ VS12VBA1HS	114					ESD16VHY	117
16.0											ESD18VHY	118
24.0											ESD27VHY RESD1CANY	119 120

◎RASMID™: ROHM's proprietary New method that enables superior dimensional precision, making it possible to develop the ultra-compact products.
RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.
Note: Package is JEDEC code. ( ): ROHM Packages.

TVS

TVS
Example: V S 5 V 0 U A 1 V W M T F T R
Part No. Grade Code Taping Code

TVS

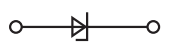
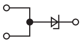
Quick Reference No.	Product No.				V_{RWM} (V)	Absolute Maximum Ratings (T_a=25˚C)	Electrical Characteristics (T_a=25˚C)		Peak Pulse Power (W) (tp=10×1,000μs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code		P_D (mW)	V_Z (V) or V_{BR} (V)	I_Z (mA)				
		General	Automotive									
1	VS7V0UD1HS	*	–	T15R	7.0	100	7.20 to 9.00	1	126 (8/20μs)	DSN0603-2 (SMD0603B)		–
2	VS9V0UD1HS		–	T15R	9.0	100	9.60 to 11.80	1	128 (8/20μs)			–
3	VS12V0UD1HS		–	T15R	12.0	100	12.20 to 13.80	1	129 (8/20μs)			–
4	VS15V0UD1HS		–	T15R	15.0	100	15.30 to 16.90	1	135 (8/20μs)			–
5	VS6V3UC1QS		–	T18R	6.3	200	6.70 to 7.70	1	660 (8/20μs)	DSN1006-2 (SMD1006)		–
6	MMBZ5V6ALY		FH	T116	3.0	225	5.32 to 5.88	20	24	SOT-23 (SSD3)		YES
7	MMBZ6V2ALY		FH	T116	3.0	225	5.89 to 6.51	1	24			YES
8	MMBZ6V8ALY		FH	T116	4.5	225	6.46 to 7.14	1	24			YES
9	MMBZ9V1ALY		FH	T116	6.0	225	8.65 to 9.56	1	24			YES
10	MMBZ10VALY		FH	T116	6.5	225	9.50 to 10.50	1	24			YES
11	MMBZ12VALY		FH	T116	8.5	225	11.40 to 12.60	1	40			YES
12	MMBZ15VALY		FH	T116	12.0	225	14.25 to 15.75	1	40			YES
13	MMBZ16VALY		FH	T116	13.0	225	15.20 to 16.80	1	40			YES
14	MMBZ18VALY		FH	T116	14.5	225	17.10 to 18.90	1	40			YES
15	MMBZ20VALY		FH	T116	17.0	225	19.00 to 21.00	1	40			YES
16	MMBZ24VALY		FH	T116	20.0	225	22.80 to 25.20	1	40			YES
17	MMBZ27VALY		FH	T116	22.0	225	25.65 to 28.35	1	40			YES
18	MMBZ30VALY		FH	T116	24.0	225	28.50 to 31.50	1	40			YES
19	MMBZ33VALY		FH	T116	26.0	225	31.35 to 34.65	1	40			YES
20	MMBZ36VALY		FH	T116	28.0	225	34.20 to 37.80	1	40			YES
21	MMBZ27VCLY		FH	T116	22.0	225	25.65 to 28.35	1	40			YES
22	VS5V0UA1VWM		TF	TR	5.0	1,000	6.40 to 7.20	40	200	(PMDE)		YES
23	New VS6V0UA1VWM		TF	TR	6.0	1,000	6.80 to 7.70	40	200			YES
24	New VS6V5UA1VWM		TF	TR	6.5	1,000	7.50 to 8.40	40	200			YES
25	New VS7V5UA1VWM		TF	TR	7.5	1,000	8.20 to 9.30	40	200			YES
26	New VS9V0UA1VWM		TF	TR	9.0	1,000	10.0 to 11.2	40	200			YES
27	New VS11VUA1VWM		TF	TR	11.0	1,000	12.0 to 12.2	20	200			YES
28	New VS12VUA1VWM		TF	TR	12.0	1,000	13.3 to 15.0	20	200			YES
29	New VS13VUA1VWM		TF	TR	13.0	1,000	14.7 to 16.5	20	200			YES
30	New VS15VUA1VWM		TF	TR	15.0	1,000	16.2 to 18.3	20	200			YES
31	New VS16VUA1VWM		TF	TR	16.0	1,000	18.0 to 20.3	20	200			YES
32	New VS17VUA1VWM		TF	TR	17.0	1,000	18.8 to 21.2	20	200			YES
33	New VS18VUA1VWM		TF	TR	18.0	1,000	20.0 to 22.4	20	200			YES
34	New VS20VUA1VWM		TF	TR	20.0	1,000	22.0 to 24.5	10	200			YES
35	New VS22VUA1VWM		TF	TR	22.0	1,000	24.0 to 27.6	10	200			YES
36	New VS24VUA1VWM		TF	TR	24.0	1,000	27.0 to 30.8	10	200			YES
37	New VS26VUA1VWM		TF	TR	26.0	1,000	28.6 to 32.1	10	200			YES
38	New VS30VUA1VWM		TF	TR	30.0	1,000	33.0 to 37.0	10	200			YES
39	New VS33VUA1VWM		TF	TR	33.0	1,000	36.0 to 40.0	10	200			YES
40	New VS36VUA1VWM		TF	TR	36.0	1,000	40.0 to 46.0	10	200			YES
41	New VS40VUA1VWM		TF	TR	40.0	1,000	44.0 to 50.0	10	200			YES
42	New VS43VLNVWM		TF	TR	43.0	1,000	48.0 to 54.0	2	200			YES
43	New VS48VLNVWM		TF	TR	48.0	1,000	53.0 to 60.0	2	200			YES
44	New VS54VLNVWM		TF	TR	54.0	1,000	58.0 to 66.0	2	200			YES
45	New VS58VLNVWM		TF	TR	58.0	1,000	64.0 to 72.0	2	200			YES
46	New VS64VLNVWM		TF	TR	64.0	1,000	70.0 to 79.0	2	200			YES
47	New VS70VLNVWM		TF	TR	70.0	1,000	77.0 to 87.0	2	200			YES
48	New VS78VLNVWM		TF	TR	78.0	1,000	85.0 to 96.0	2	200			YES
49	New VS85VLNVWM		TF	TR	85.0	1,000	94.0 to 106	2	200			YES
50	New VS90VLNVWM		TF	TR	90.0	1,000	104 to 116	2	200			YES
51	New VS100VLNVWM		TF	TR	100	1,000	114 to 126	2	200			YES
52	New VS110VLNVWM		TF	TR	110	1,000	122 to 138	2	200			YES
53	New VS130VLNVWM		TF	TR	130	1,000	140 to 160	2	200			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages.

TVS

TVS
Example: V S 5 V 0 U A 1 V W M T F T R
Part No. Grade Code Taping Code

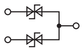
TVS

Quick Reference No.	Product No.				V_{RWM} (V)	Absolute Maximum Ratings (T_a=25˚C)	Electrical Characteristics (T_a=25˚C)		Peak Pulse Power (W) (tp=10×1,000μs)	Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code General	Grade Code Automotive	Taping Code		P_D (mW)	V_Z (V) or V_{BR} (V)	I_Z (mA)				
54	**SMF5V0**	*	TF	TR	5.0	1,000	6.40 or more	40	200	(PMDU) 〈SOD-123FL〉 [SC-109B]		YES
55	**SMF6V0**		TF	TR	6.0	1,000	6.67 or more	40	200			YES
56	**SMF6V5**		TF	TR	6.5	1,000	7.22 or more	40	200			YES
57	**SMF7V0**		TF	TR	7.0	1,000	7.78 or more	40	200			YES
58	**SMF7V5**		TF	TR	7.5	1,000	8.33 or more	40	200			YES
59	**SMF8V0**		TF	TR	8.0	1,000	8.89 or more	40	200			YES
60	**SMF9V0**		TF	TR	9.0	1,000	10.0 or more	40	200			YES
61	**SMF10V**		TF	TR	10.0	1,000	11.1 or more	20	200			YES
62	**SMF11V**		TF	TR	11.0	1,000	12.2 or more	20	200			YES
63	**SMF12V**		TF	TR	12.0	1,000	13.3 or more	20	200			YES
64	**SMF13V**		TF	TR	13.0	1,000	14.4 or more	20	200			YES
65	**SMF14V**		TF	TR	14.0	1,000	15.6 or more	20	200			YES
66	**SMF15V**		TF	TR	15.0	1,000	16.7 or more	20	200			YES
67	**SMF16V**		TF	TR	16.0	1,000	17.2 or more	20	200			YES
68	**SMF17V**		TF	TR	17.0	1,000	18.9 or more	20	200			YES
69	**SMF18V**		TF	TR	18.0	1,000	20.0 or more	20	200			YES
70	**SMF20V**		TF	TR	20.0	1,000	22.2 or more	10	200			YES
71	**SMF22V**		TF	TR	22.0	1,000	24.4 or more	10	200			YES
72	**SMF24V**		TF	TR	24.0	1,000	26.7 or more	10	200			YES
73	**SMF26V**		TF	TR	26.0	1,000	28.9 or more	10	200			YES
74	**SMF28V**		TF	TR	28.0	1,000	31.1 or more	10	200			YES
75	**SMF30V**		TF	TR	30.0	1,000	33.3 or more	10	200			YES
76	**SMF33V**		TF	TR	33.0	1,000	36.7 or more	10	200			YES
77	**VS5V0UA1LAM**		TF	TR	5.0	—	6.45 to 7.14	10	600	(PMDTM) 〈SOD-128〉		YES
78	**VS6V0UA1LAM**		TF	TR	6.0	—	6.67 to 7.37	10	600			YES
79	**VS7V0UA1LAM**		TF	TR	7.0	—	7.78 to 8.60	10	600			YES
80	**VS8V0UA1LAM**		TF	TR	8.0	—	8.89 to 9.83	1	600			YES
81	**VS9V0UA1LAM**		TF	TR	9.0	—	10.0 to 11.1	1	600			YES
82	**VS10VUA1LAM**		TF	TR	10.0	—	11.1 to 12.3	1	600			YES
83	**VS11VUA1LAM**		TF	TR	11.0	—	12.2 to 13.5	1	600			YES
84	**VS12VUA1LAM**		TF	TR	12.0	—	13.3 to 14.7	1	600			YES
85	**VS13VUA1LAM**		TF	TR	13.0	—	14.4 to 15.9	1	600			YES
86	**VS14VUA1LAM**		TF	TR	14.0	—	15.6 to 17.2	1	600			YES
87	**VS15VUA1LAM**		TF	TR	15.0	—	16.7 to 18.5	1	600			YES
88	**VS16VUA1LAM**		TF	TR	16.0	—	17.8 to 19.7	1	600			YES
89	**VS17VUA1LAM**		TF	TR	17.0	—	18.9 to 20.9	1	600			YES
90	**VS18VUA1LAM**		TF	TR	18.0	—	20.0 to 22.1	1	600			YES
91	**VS20VUA1LAM**		TF	TR	20.0	—	22.2 to 24.5	1	600			YES
92	**VS22VUA1LAM**		TF	TR	22.0	—	24.4 to 26.9	1	600			YES
93	**VS24VUA1LAM**		TF	TR	24.0	—	26.7 to 29.5	1	600			YES
94	**VS26VUA1LAM**		TF	TR	26.0	—	28.9 to 31.9	1	600			YES
95	**VS28VUA1LAM**		TF	TR	28.0	—	31.1 to 34.4	1	600			YES
96	**VS30VUA1LAM**		TF	TR	30.0	—	33.3 to 36.8	1	600			YES
97	New **RSDT27RSM**	*	TF	TL1	22.0	1,500	24.0 to 30.0	10	1,500	TO-277A (TO-277GE)		YES
98	New **RSDT30RSM**		TF	TL1	24.0	1,500	27.0 to 33.0	10	1,500			YES
99	**RSDT27BM**	–	FH	TL	22.0	2,500	24.0 to 30.0	10	2,500	TO-252 〈DPAK〉 [SC-63]		YES
100	**RSDT30BM**		FH	TL	24.0	2,500	27.0 to 33.0	10	2,500			YES
101	**RSDT27NS**	*	FH	TL	22.0	5,000	24.0 to 30.0	10	3,600	(TO-263S) 〈D2PAK〉		YES
102	**RSDT30NS**	–	FH	TL	24.0	5,000	27.0 to 33.0	10	3,600			YES

*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA code.

TVS
Example: V S 3 V 3 B C 1 H S T 1 5 R
Part No. Taping Code

Bi-Directional TVS

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_a=25°C)	Electrical Characteristics (T_a=25°C)		Peak Pulse Power (W) (tp=8/20μs)	Ct (pF) (Typ)			Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	P_D (mW)	V_{BR} (V)	I_Z (mA)			f (MHz)	V_R (V)			
		General	Automotive											
103	RASMID™ VS3V3BA1FS	*	–	T27N	100	4.0 or more	1	26.5	6	1	0	DSN0402-2 (SMD0402)		–
104	RASMID™ VS3V3BB1FS		–	T27N	100	4.0 or more	1	38	10	1	0			–
105	RASMID™ VS3V3BT1FS		–	T27N	100	4.0 or more	1	21	4.7	1	0			–
106	RASMID™ VS5V0BA1FS		–	T27N	100	5.3 or more	1	26.5	6	1	0			–
107	RASMID™ VS5V0BB1FS		–	T27N	100	5.3 or more	1	45	10	1	0			–
108	RASMID™ VS3V3BC1HS		–	T15R	100	4.0 or more	1	70	18	1	0	DSN0603-2 (SMD0603B)		–
109	RASMID™ VS3V3BA1ES		–	T15R	100	4.0 or more	1	28	6	1	0	DSN0603-2 (SMD0603)		–
110	RASMID™ VS3V3BB1ES		–	T15R	100	4.0 or more	1	45	10	1	0			–
111	RASMID™ VS5V0BA1ES		–	T15R	100	6.0 to 8.0	1	10	5	1	0			–
112	RASMID™ VS5V0BB1ES		–	T15R	100	6.0 to 9.0	1	25	7	1	0			–
113	RASMID™ VS5V0BC1ES		–	T15R	100	6.0 to 9.0	1	60	15	1	0			–
114	RASMID™ VS12VBA1HS		–	T15R	100	12.5 to 15.0	1	70	7	1	0	DSN0603-2 (SMD0603B)		–
115	RASMID™ VS4V5BU1QS		–	T18R	200	5.3 to 6.5	1	600	100	1	0	DSN01006-2 (SMD1006)		–
116	RASMID™ VS4V8BU1AR		–	T7R	–	4.85 to 6.00	1	1,100	480 (Max)	1	0	DSN2012-2 (SMD2012)		–
117	ESD16VHY		FH	T116	225	15.96 to 17.64	1	100	13	1	0	SOT-23 (SSD3)		YES
118	ESD18VHY		FH	T116	225	17.86 to 19.74	1	100	12	1	0			YES
119	ESD27VHY		FH	T116	225	26.41 to 29.19	1	100	8	1	0			YES
120	RESD1CANY		FH	T116	225	26.20 to 32.00	1	350	30 (Max)	1	0			YES

Low Capacitance Bi-Directional TVS

Quick Reference No.	Product No.				Absolute Maximum Ratings (T_a=25°C)	Electrical Characteristics (T_a=25°C)		Remarks	Ct (pF) (Typ)			Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping Code	P_D (mW)	V_{BR} (V)	I_Z (mA)			f (MHz)	V_R (V)			
		General	Automotive											
121	RASMID™ VS3V3BL1HS	*	–	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 20kV, Air 20kV	0.34	1	0	DSN0603-2 (SMD0603B)		–
122	RASMID™ VS3V3BN1HS		–	T15R	100	6.00 to 10.00	1		0.5	1	0			–
123	RASMID™ VS5V0BL1HS		–	T15R	100	6.00 to 10.00	1	IEC61000-4-2, 150pF, 330Ω, Contact 11kV, Air 15kV	0.34	1	0			–
124	RASMID™ VS5V0BN1HS		–	T15R	100	6.00 to 10.00	1		0.5	1	0			–
125	RASMID™ VS5V0BL1QS		–	T18R	200	7.00 or more	1	IEC61000-4-2, 150pF, 330Ω, Contact 15kV, Air 15kV	0.8	1	0	DSN01006-2 (SMD1006)		–

◎RASMID™: ROHM's proprietary new method that enables superior dimensional precision, making it possible to develop the ultra-compact products.
RASMID™ is a trademark or a registered trademark of ROHM Co., Ltd.
*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages.

Switching Diodes

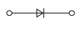
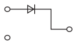
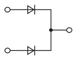
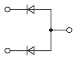
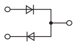
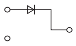
●Quick Reference for Switching Diodes

V_R (V)	Surface Mount type							
	1006 size	1212 size	1608 size	1616 size	2120 size		2512 size	2924 size
								
	SOD-923 (VMN2M)	SOT-723 (VMD3) [SC-105AA]	SOD-523 (EMD2) [SC-79]	SOT-416FL (EMD3F) [SC-89]	SOT-323FL (UMD3F) [SC-85]	SOT-323 (UMD3) [SC-70]	SOD-323FL (UMD2) [SC-90A]	SOT-23 (SSD3)
20		**DA221ZM**		**DA221WM**				
80	**1SS400CM**	**DAN222ZM** **DAP222ZM**	**1SS400SM**	**DAN222WM** **DAP222WM** **DAN217WM** **DA228WM**	**DAN202UM** **DAP202UM** **DAN217UM** **DA204UM** **DA228UM** **BAW156UM** **BAV199UM**	**DAN202FM** **DAP202FM** **BAV99FM** **BAV199FM**	**1SS355VM** **1SS380VM**	**BAS16HY** **BAV70HY** **BAW56HY** **BAV99HY** **BAW156HY** **BAV199HY** **BAS116HY** **BAV170HY**
200							**BAS21VM**	**BAS21HY**

Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Switching Diodes

High-speed type

Product No.				Absolute Maximum Ratings (T_a=25˚C)*1					Electrical Characteristics (T_a=25˚C)*1							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_{FM} (mA)	I_O (mA)	Isurge (mA)	V_F (V) Max		I_R (μA) Max		trr (ns) Max					
	General	Automotive								I_F (mA)		V_R (V)		V_R (V)	I_F (mA)			
1SS400CM	*	–	T2R	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-923 (VMN2M)		–
1SS400SM		FH	T2R	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-523 (EMD2) [SC-79]		YES
1SS355VM		FH	TE-17	90	80	225	100	500 (1s)	1.2	100	0.1	80	4	6	10	SOD-323FL (UMD2) [SC-90A]		YES
BAS16HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES
DAN222ZM		–	T2L	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-723 (VMD3) [SC-105AA]		–
DAN222WM		–	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]		–
DAN202UM		–	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		–
DAN202FM		FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3) [SC-70]		YES
BAV70HY		FH	T116	90	80	450	215*3	4,000 (1μs)	1.25	150	0.5	80	4	10*2	10	SOT-23 (SSD3)		YES
DAP222ZM		–	T2L	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-723 (VMD3) [SC-105AA]		–
DAP222WM		–	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]		–
DAP202UM		–	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		–
DAP202FM		FH	T106	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-323 (UMD3) [SC-70]		YES
BAW56HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES
DAN217WM		FH	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.1	70	4	6	5	SOT-416FL (EMD3F) [SC-89]		YES
DAN217UM		–	TL	80	80	300	100	4,000 (1μs)	1.2	100	0.2	70	4	6	5	SOT-323FL (UMD3F) [SC-85]		–
BAV99HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-23 (SSD3)		YES
BAV99FM		FH	T106	100	80	500	215*3	4,000 (1μs)	1.25	150	0.1	80	4	10*2	10	SOT-323 (UMD3) [SC-70]		YES
BAS21HY		FH	T116	250	200	–	200*3	10,000 (1μs)	1	100	0.1	200	50	30*2	30	SOT-23 (SSD3)		YES
BAS21VM		FH	TE-17	250	200	–	200*3	10,000 (1μs)	1	100	0.1	200	50	30*2	30	SOD-323FL (UMD2) [SC-90A]		YES

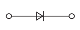
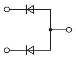
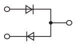
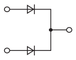
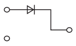
*General Part No. have no grade code.
*1 Value/Chip *2 Not V_R (V) but I_R (mA) Value *3 I_F Value
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Switching Diodes

Example: 1 S S 3 5 5 V M F H T E — 1 7

Part No. Grade Code Taping Code

Low Leak type

Product No.				Absolute Maximum Ratings (T_a=25˚C)*1					Electrical Characteristics (T_a=25˚C)*1							Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_{RM} (V)	V_R (V)	I_{FM} (mA)	I_O (mA)	Isurge (mA)	V_F (V) Max	I_F (mA)	I_R (μA) Max	V_R (V)	trr (ns) Max	V_R (V)	I_F (mA)			
	General	Automotive																
1SS380VM	*	FH	TE-17	80	80	225	100	400 (1s)	1.2	100	0.01	80	—	—	—	SOD-323FL (UMD2) [SC-90A]		YES
BAW156HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)		YES
BAW156UM		FH	TL	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-323FL (UMD3F) [SC-85]		YES
BAV199HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)		YES
BAV199FM		FH	T106	100	80	500	215*3	4,000 (1μs)	1.25	150	0.01	75	3,000	10*2	10	SOT-323 (UMD3) [SC-70]		YES
BAV199UM		FH	TL	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-323FL (UMD3F) [SC-85]		YES
DA204UM		—	TL	20	20	200	100	300 (1μs)	1.0	10	0.1	15	—	—	—			—
DA228UM		—	TL	80	80	200	100	300 (1μs)	1.2	100	0.01	80	—	—	—			—
DA221ZM		—	T2L	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-723 (VMD3) [SC-105AA]		—
DA221WM		—	TL	20	20	200	100	300 (1μs)	1	10	0.1	15	—	—	—	SOT-416FL (EMD3F) [SC-89]		—
DA228WM		—	TL	80	80	200	100	4,000 (1μs)	1.2	100	0.1	80	—	—	—			—
BAV170HY		FH	T116	90	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10	SOT-23 (SSD3)		YES
BAS116HY		FH	T116	100	80	500	215*3	4,000 (1μs)	1.25	150	0.005	75	3,000	10*2	10			YES

*General Part No. have no grade code.
*1 Value/Chip *2 Not V_R (V) but I_R (mA) Value *3 I_F Value
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

High Frequency Diodes

●Quick Reference for High Frequency Diodes

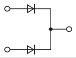
	V_R (V)	Surface Mount type				
		1006 size		1608 size	2120 size	2512 size
						
		DFN1006-2W	SOD-923 (VMN2M)	SOD-523 (EMD2) [SC-79]	SOT-323 (UMD3) [SC-70]	SOD-323FL (UMD2) [SC-90A]
Band Switching Diode	35			**1SS390SM**	**DAN235FM**	
PIN Diode	50		**RN141CM**			
	60			**RN142SM**		**RN142VM**
Detection Schottky Diode	5	New **RB886ASA**	**RB886CM**			

Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

High Frequency Diodes

High Frequency Diodes
Example: 1SS390SM FH T2R
Part No. Grade Code Taping Code

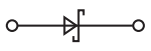
Band Switching Diode

Product No.				Absolute Maximum Ratings (T_a=25˚C)			Electrical Characteristics (T_a=25˚C)						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	T_j (˚C)	Tstg (˚C)	Ct (pF) Max			rF (Ω) Max					
	General	Automotive						V_R (V)	f (MHz)		I_F (mA)	f (MHz)			
1SS390SM	*	FH	T2R	35	150	−55 to +150	1.2	6	1	0.9	2	100	SOD-523 (EMD2) [SC-79]		YES
DAN235FM		FH	T106	35	150	−55 to +150	1.2	6	1	0.9	2	100	SOT-323 (UMD3) [SC-70]		YES

PIN Diodes

Product No.				Absolute Maximum Ratings (T_a=25˚C)				Electrical Characteristics (T_a=25˚C)						Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	I_F (mA)	T_j (˚C)	Tstg (˚C)	Ct (pF) Max			rF (Ω) Max					
	General	Automotive							V_R (V)	f (MHz)		I_F (mA)	f (MHz)			
RN141CM	*	—	T2R	50	100	150	−55 to +150	0.8	1	1	2	3	100	SOD-923 (VMN2M)		—
RN142SM		—	T2R	60	100	150	−55 to +150	0.45	1	1	3	3	100	SOD-523 (EMD2) [SC-79]		—
RN142VM		—	TE-17	60	100	150	−55 to +150	0.45	1	1	3	3	100	SOD-323FL (UMD2) [SC-90A]		—

Detection Schottky Diode

Product No.				Absolute Maximum Ratings (T_a=25˚C)				Electrical Characteristics (T_a=25˚C)					Package	Equivalent Circuit Diagram	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping Code	V_R (V)	I_F (mA)	T_j (˚C)	Tstg (˚C)	V_F (V) Max		Ct (pF) Max					
	General	Automotive							I_F (mA)		V_R (V)	f (MHz)			
RB886CM	*	—	T2R	5	10	125	−40 to +125	0.35	1	0.80	1	1	SOD-923 (VMN2M)		—
New **RB886ASA**	—	FH	T2RB	5	10	150	−55 to +150	0.35	1	0.8	1	1	DFN1006-2W		YES

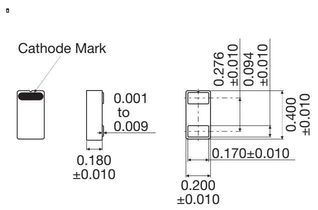
*General Part No. have no grade code.
Note: Package is JEDEC code. ( ): ROHM Packages. [ ]: JEITA code.

Packages

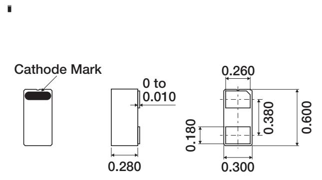
Dimensions (Unit: mm)

Surface Mount Type

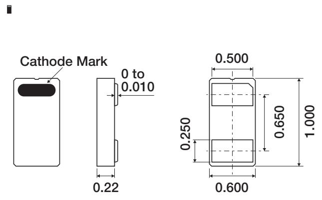
DSN0402-2 (SMD0402)



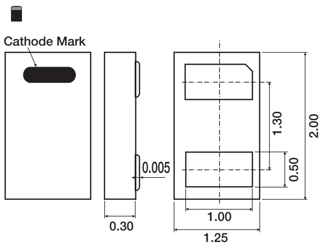
DSN0603-2 (SMD0603) (SMD0603B)



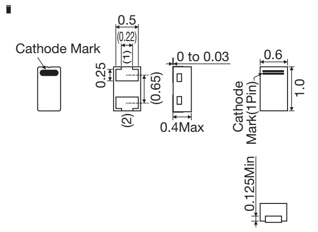
DSN1006-2 (SMD1006)



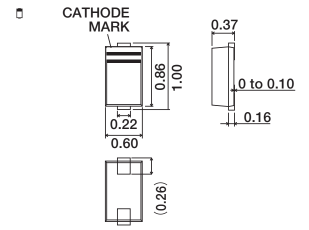
DSN2012-2 (SMD2012)



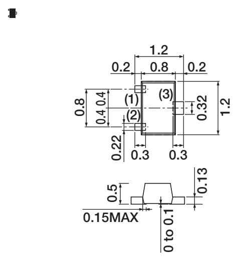
DFN1006-2W



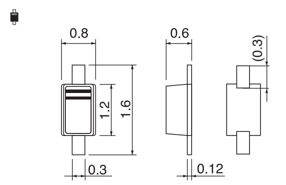
SOD-923 (VMN2M)



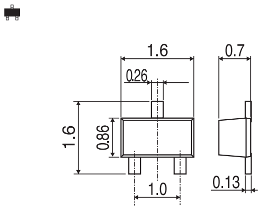
SOT-723 (VMD3) **[SC-105AA]**



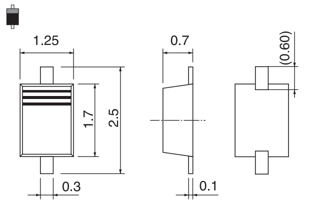
SOD-523 (EMD2) **[SC-79]**



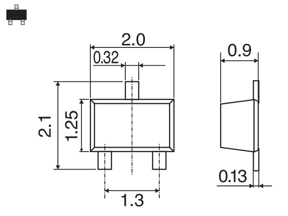
SOT-416FL (EMD3F) **[SC-89]**



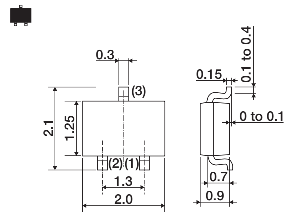
SOD-323FL (UMD2) **[SC-90A]**



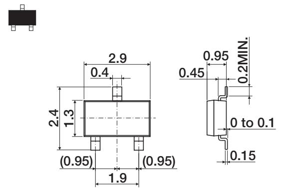
SOT-323FL (UMD3F) **[SC-85]**



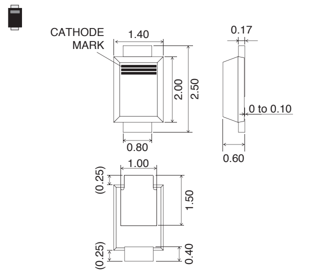
SOT-323 (UMD3) **[SC-70]**



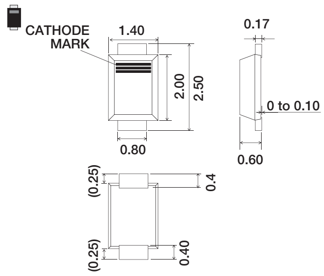
SOT-23 (SSD3)



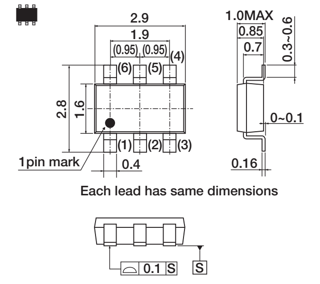
SOD-323HE (TUMD2M) **[SC-108B]**



SOD-323HE (TUMD2SM)



SOT-457T (TSMD6)



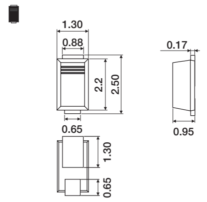
Note: Package is JEDEC code. ( ): ROHM Packages, [ ]: JEITA Code.

Power Packages

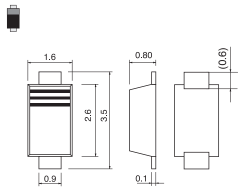
●Dimensions (Unit: mm)

Surface Mount type

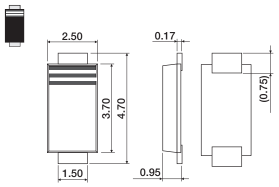
(PMDE)



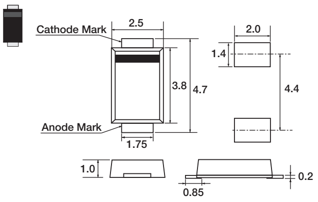
(PMDU) 〈SOD-123FL〉 **[SC-109B]**



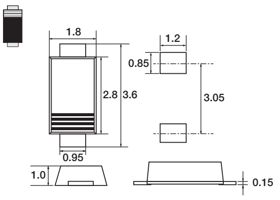
(PMDTM) 〈SOD-128〉



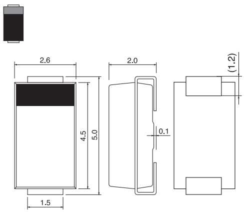
(PMDTP) 〈**SOD-128**〉



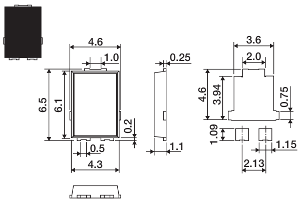
(PMDUP) 〈SOD-123FL〉



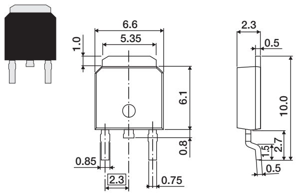
DO-214AC (PMDS) 〈**SMA**〉



TO-277A (TO-277GE)

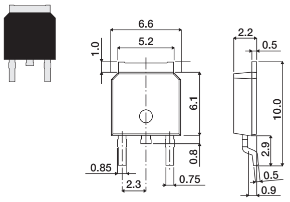


(TO-252GE) 〈DPAK〉



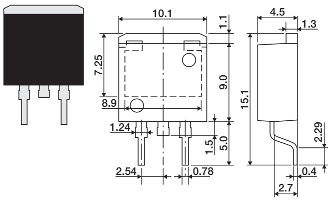
Each lead has same dimensions

TO-252 〈DPAK〉



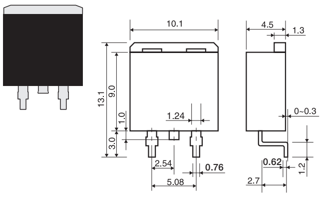
Each lead has same dimensions

TO-263L (LPDL) 〈D2PAK〉 **[SC-83]**



Each lead has same dimensions

(TO-263S) (LPDS) 〈D2PAK〉 **[SC-83]**

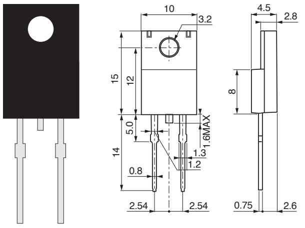


Each lead has same dimensions

Note: Package is JEDEC code. ( ): ROHM Packages. 〈 〉: GENERAL code. [ ]: JEITA Code.

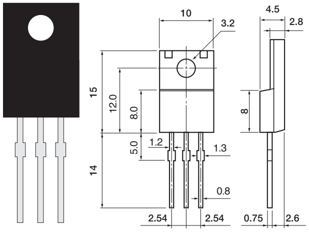
Through Hole type

(TO-220FN) <2pin>



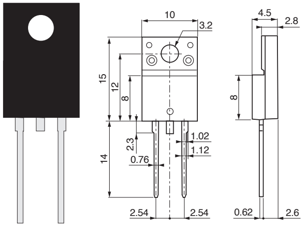
Each lead has same dimensions

(TO-220FN) <3pin>



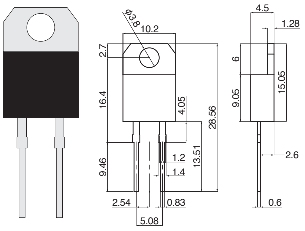
Each lead has same dimensions

(TO-220NFM) <2pin>



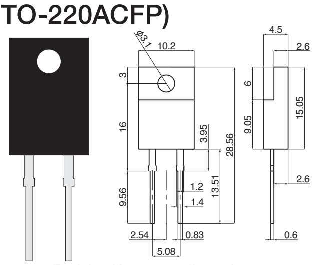
Each lead has same dimensions

(TO-220AC)



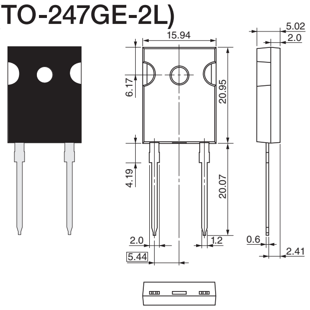
Each lead has same dimensions

(TO-220ACFP)



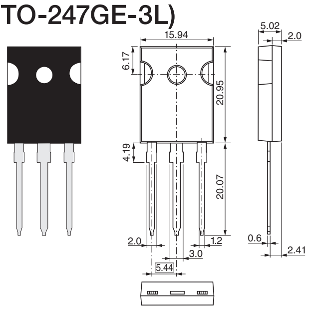
Each lead has same dimensions

TO-247-2L
(TO-247GE-2L)



Each lead has same dimensions

TO-247-3L
(TO-247GE-3L)



Each lead has same dimensions

Note: Package is JEDEC code. ( ): ROHM Packages.

Product No. Explanation

- When ordering, specify the part number.
- Check each code against the tables shown below.
- Fill in from the left, leaving any extra boxes empty on the right.

Schottky Barrier Diodes

Example:

RB751SM–40	FH	T2R
Part No.	Grade Code	Taping Code

Fast Recovery Diodes

Example:

RF01VM2S	FH	TE–17
Part No.	Grade Code	Taping Code

Rectifier Diodes

Example:

RR1VWM4S	TF	TR
Part No.	Grade Code	Taping Code

Zener Diodes

Example:

EDZV	FH	T2R	3.6	B
Part No.	Grade Code	Taping Code	Zener voltage	Sub division

Protection Device

Example:

UMZ6.8NFM	FH	T106
Part No.	Grade Code	Taping Code

TVS

Example:

VS5V0UA1VWM	TF	TR
Part No.	Grade Code	Taping Code

Switching Diodes

Example:

1SS355VM	FH	TE–17
Part No.	Grade Code	Taping Code

High Frequency Diodes

Example:

1SS390SM	FH	T2R
Part No.	Grade Code	Taping Code

Packaging type

Package		Code	ROHM Package	JEITA code	Size	Height	Package Style	Direction	Basic Ordering Unit (pcs)
Surface Mount type	DSN0402-2	T27R	SMD0402	–	0402	0.18	Embossed tape	Cathode on sprocket hole side	27,000
		T27N					Embossed tape	Non-direction	27,000
	DSN0603-2	T15R	SMD0603	–	0603	0.28	Embossed tape	Cathode on sprocket hole side	15,000
			SMD0603B						
	DSN1006-2	T18R	SMD1006	–	1006	0.22	Embossed tape	Cathode on sprocket hole side	18,000
	DFN1006-2W	T2RB	–	–	1006	0.4	Embossed tape	Cathode on sprocket hole side	8,000
	SOT-723	T2L	VMD3	SC-105AA	1212	0.5	Embossed tape	One terminal on sprocket hole side	8,000
	SOD-923	T2R	VMN2M	–	1006	0.37	Embossed tape	Cathode on sprocket hole side	8,000
	SOD-523	T2R	EMD2	SC-79	1608	0.6	Embossed tape	Cathode on sprocket hole side	8,000
		T2N					Embossed tape	Non-direction	8,000
	SOT-416FL	TL	EMD3F	SC-89	1616	0.7	Embossed tape	One terminal on sprocket hole side	3,000
	DSN2012-2	T7R	SMD2012	–	2012	0.3	Embossed tape	Cathode on sprocket hole side	7,000
	SOD-323FL	TE-17	UMD2	SC-90A	25125	0.7	Embossed tape	Cathode on sprocket hole side	3,000
	SOT-323	T106	UMD3	SC-70	2120	0.9	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-323FL	TL	UMD3F	SC-85	2120	0.9	Embossed tape	One terminal on sprocket hole side	3,000
	SOT-23	T116	SSD3	–	2429	0.95	Embossed tape	One terminal on sprocket hole side	3,000
	SOD-323HE	TR	TUMD2M	SC-108B	2514	0.6	Embossed tape	Cathode on sprocket hole side	3,000
		TR	TUMD2SM	–	2514	0.6	Embossed tape	Cathode on sprocket hole side	3,000
	(PMDE)	TR	PMDE	–	2513	0.95	Embossed tape	Cathode on sprocket hole side	3,000
	〈SOD-123FL〉	TR	PMDU	SC-109B	3516	0.8	Embossed tape	Cathode on sprocket hole side	3,000
	〈SOD-128〉	TR	PMDTM	–	4725	0.95	Embossed tape	Cathode on sprocket hole side	3,000
	DO-214AC 〈SMA〉	TE25	PMDS	–	5026	2	Embossed tape	Cathode on sprocket hole side	1,500
	(TO-252GE) 〈DPAK〉	TL	TO-252GE	SC-63	9866	2.3	Embossed tape	Fin on sprocket hole side	2,500
	TO-252 〈DPAK〉	TL	–	SC-63	10066	2.2	Embossed tape	Fin on sprocket hole side	2,500
	(TO-263S) 〈D2PAK〉	TL	LPDS	SC-83	131101	4.5	Embossed tape	Fin on sprocket hole side	1,000
	TO-263L 〈D2PAK〉	TL	LPDL	SC-83	151101	4.5	Embossed tape	Fin on sprocket hole side	1,000
Throuth Hole type	(TO-220FN)	C9	TO-220FN	–	29×10	4.5	Stick	box	1,000
	(TO-220NFM)	C9	TO-220NFM	–	29×10	4.5	Stick	box	1,000
	(TO-220AC)	C9	TO-220AC	–	28.56×10.2	4.5	Stick	box	1,000
	(TO-220ACFP)	C9	TO-220ACFP	–	28.56×10.2	4.5	Stick	box	1,000
	TO-247-2L	C13	TO-247GE-2L	–	41.0×15.9	5.0	Stick	box	600
	TO-247-3L	C13	TO-247GE-3L	–	41.0×15.9	5.0	Stick	box	600

Note: Package is JEDEC code. ( ): ROHM Packages, 〈 〉: GENERAL code.