

Featured Products

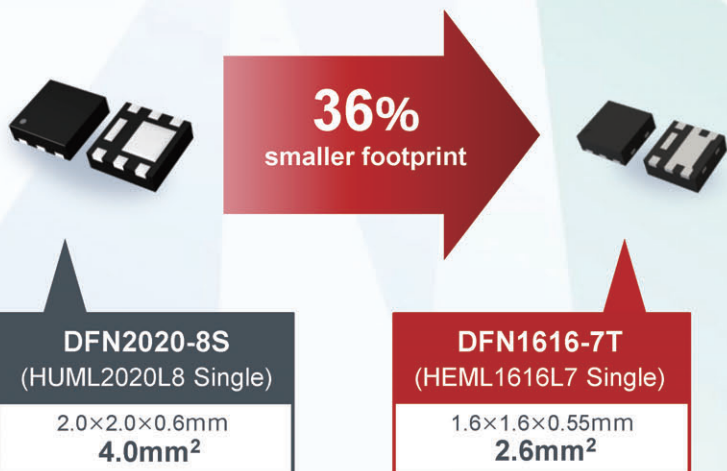


Compact high power package (DFN1616-7T)

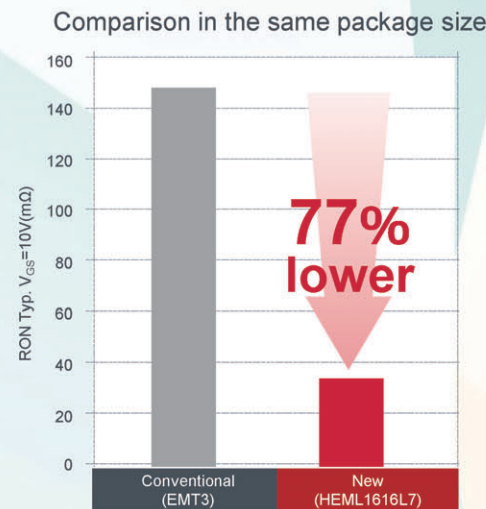
MOSFETs Optimized for Portable Devices

RW4xx series

Space-saving Design Contributes to Greater Miniaturization



Ultra-Low $R_{DS(on)}$




Applications

- Smartphones
- Portable devices (i.e. tablet computers, DSCs, GPS)
- Laptops



Supports a Variety of Circuit Types

Optimized for battery/load switches, LED backlighting, and more

Part No.	Polarity (ch)	P _D (W) T _a =25°C	V _{DSS} (V)	I _b (A)	R _{DS(on)} Max(mΩ)				Qg Typ(nC)	Size (mm)	Package
					V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V	V _{GS} =4.5V		
<div>New</div> RW4E075AJ	N	1.5	30	7.5	—	26	38	—	6.3	1.6×1.6×0.55	<div></div> <div>DFN1616-7T (HEML1616L7 Single)</div>
☆ RW4E065GN				6.5	22.5	31.6	—	—	2.0		
<div>New</div> RW4E045AJ				4.5	—	40	58	—	4.0		
☆ RW4E045AT	P		−30	−4.5	48	70	—	—	5.3		
<div>New</div> RW4C045BC			−20	−4.5	—	56	74	117	6.5		


Note) (): ROHM Package Type

☆ Under Development

Popular series compatible with a broad range of portable devices

Single Type


Large current compatibility ideal for high-power switching applications

Part No.	Polarity (ch)	P _D (W) T _a =25°C	V _{DSS} (V)	I _D (A)	R _{DS(on)} Max(mΩ)		Qg Typ(nC)	Size (mm)	Package
					V _{GS} =10V	V _{GS} =4.5V	V _{GS} =4.5V		
RF4E110GN	N	2	30	11	11.3	16.5	3.5	2.0×2.0×0.6	 DFN2020-8S (HUM12020L8 Single)
RF4E080GN				8	17.6	31.2	2.8		

Note) (): ROHM Package Type

Dual Type

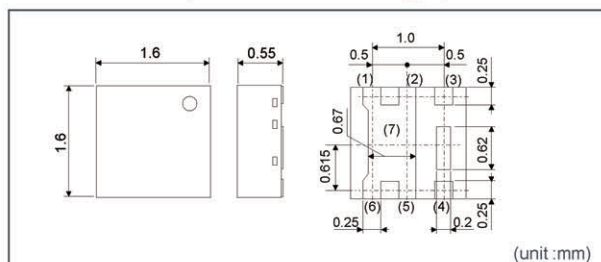
Broad drive voltage lineup offered in a space-saving 2-in-1 (dual) package

Part No.	Polarity (ch)	P _D (W) T _a =25°C	V _{DSS} (V)	I _b (A)	R _{DS(on)} Max(mΩ)					Qg Typ(nC)	Size (mm)	package
					V _{GS} =10V	V _{GS} =4.5V	V _{GS} =2.5V	V _{GS} =1.8V	V _{GS} =1.5V	V _{GS} =4.5V		
UT6K3	N+ N	2	30	5.5	—	42	63	—	—	4.0	2.0×2.0×0.6	 DFN2020-8D (HUM12020L8 Dual)
UT6JA3	P+ P		-20	-5.0	—	59	76	118	—	6.5		
UT6J3			-20	-3.0	—	85	95	155	260	8.5		
UT6JA2			-30	-4.0	70	103	—	—	—	3.4		

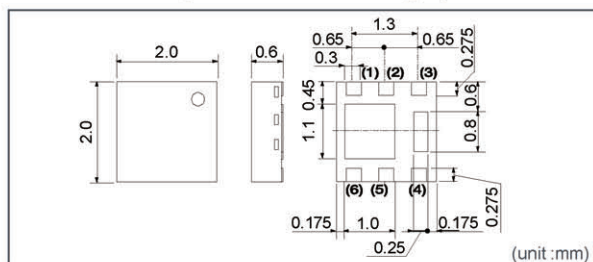
Note) (): ROHM Package Type

Dimensions

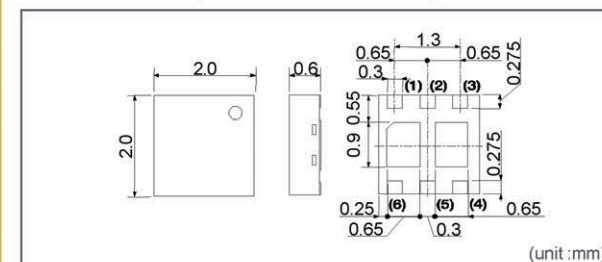
DFN1616-7T (HEML1616L7 Single)



DFN2020-8S (HUML2020L8 Single)



DFN2020-8D (HUML2020L8 Dual)



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The content specified in this document is correct as of July 1st, 2019.