

# BD7F100HFN-EVK-003 Parts list



No.	Value	Description	Size	Part Number / Series	Manufacturer
C1	1 $\mu$ F	Capacitor, Chip, 50V, X7R	2012	GRM21BR71H105KA12	MURATA
C2	4.7 $\mu$ F	Capacitor, Chip, 50V, X7R	3216	GRM31CR71H475KA12	MURATA
C3	-	Notinstalled	-	-	-
C4	-	Notinstalled	-	-	-
C5	4700pF	Capacitor, Chip, 50V, R	1005	GRM155R11H472KA01	MURATA
C6	-	Notinstalled	-	-	-
C7	10 $\mu$ F	Capacitor, Chip, 25V, X7R	3225	GRM32DR71E106KA12	MURATA
C8	-	Notinstalled	-	-	-
C9	10 $\mu$ F	Capacitor, Chip, 25V, X7R	3225	GRM32DR71E106KA12	MURATA
C10	-	Notinstalled	-	-	-
C11	-	Notinstalled	-	-	-
D1	1SS400SM	Diode	1608	1SS400SM	ROHM
D2	KDZ18B	Diode, Zener	3516	KDZ18B	ROHM
D3	RB160MM-90	Diode, Schottky	3516	RB160MM-90	ROHM
D4	-	Notinstalled	-	-	-
D5	RB160MM-90	Diode, Schottky	3516	RB160MM-90	ROHM
D6	-	Notinstalled	-	-	-
R1	1M $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF1004	ROHM
R2	120k $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF1203	ROHM
R3	-	Short	-	-	-
R4	3.9k $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF3901	ROHM
R5	76.8k $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF7682	ROHM
R6	1k $\Omega$	Resistor, Chip, 2/5W, 1%	2012	ESR10EZPF1001	ROHM
R7	4.7 k $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF4701	ROHM
R8	4.7 k $\Omega$	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF4701	ROHM
T1	50 $\mu$ H	Transformer, Np:Ns=1:1:1, $\pm$ 20%	13.5 x 20.0 x 12.5mm	CEP1311D-2415052R	sumida
U1	BD7F100HFN	I.C. BD7F100HFN	HSON8	BD7F100HFN	ROHM

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