

BD7F100HFN-EVK-002 Parts list

No.	Value	Description	Size	Part Number / Series	Manufacturer
C1	1 μ F	Capacitor, Chip, 50V, X7R	2012	GRM21BR71H105KA12L	MURATA
C2	4.7 μ F	Capacitor, Chip, 50V, X7R	3216	GRM31CR71H475KA12L	MURATA
C3	-	Notinstalled	-	-	-
C4	-	Notinstalled	-	-	-
C5	1000pF	Capacitor, Chip, 50V, CH	1608	GRM1882C1H102JA01	MURATA
C6	-	Notinstalled	-	-	-
C7	47 μ F	Capacitor, Chip, 10V, X7R	3225	GRM32ER71A476KE15	MURATA
C8	-	Notinstalled	-	-	-
D1	RB160MM-40	Diode, Schottky	3516	RB160MM-40	ROHM
D2	TFZ20B	Diode, Zener, Vz=18.63~19.59V	2514	TFZ20B	ROHM
D3	RB160MM-40	Diode, Schottky	3516	RB160MM-40	ROHM
D4	-	Notinstalled	-	-	-
R1	1M Ω	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF1004	ROHM
R2	120k Ω	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF1203	ROHM
R3	-	Short	-	-	-
R4	3.9k Ω	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF3901	ROHM
R5	80.6k Ω	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF8062	ROHM
R6	1k Ω	Resistor, Chip, 2/5W, 1%	2012	ESR10EZPF1001	ROHM
R7	330 Ω	Resistor, Chip, 1/10W, 1%	1608	MCR03EZPFX3300	ROHM
T1	63 μ H	Transformer, Np:Ns=3:1, \pm 20%	13.5 x 20.0 x 12.5mm	CEP1311D-2405051R	sumida
U1	BD7F100HFN	I.C. BD7F100HFN	HSO8	BD7F100HFN	ROHM

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