

[BD7J200EFJ-EVK-002] BOM

No.	Value	Description	Size	Part Number / Series	Manufacturer
C1	1μF	Capacitor, Chip, 100V, X7R	3216	GRM31CR72A105KA01	MURATA
C2	10μF	Capacitor, Chip, 100V, X7S	3225	GRM32EC72A106KE05	MURATA
C3	-	Notinstalled	-	-	-
C4	-	Notinstalled	-	-	-
C5	100pF	Capacitor, Chip, 100V, C0G	1608	GCM1885C2A101JA16	MURATA
C6	-	Notinstalled	-	-	-
C7	22μF	Capacitor, Chip, 25V, X7R	3225	GRM32ER71E226KE15	MURATA
C8	47μF	Capacitor, Chip, 16V, X6S	3225	GRT32EC81C476KE13L	MURATA
C9	-	Notinstalled	-	-	-
C10	-	Notinstalled	-	-	-
C11	100pF	Capacitor, Chip, 250V, C0G	2012	GRM21A5C2E101JW01	MURATA
D1	1A/90V	Diode, Schottky	3516	RB160MM-90	ROHM
D2	Vz=36.0~	Diode, Zener, Vz=36.0~40.0V	3516	KDZV36B	ROHM
D3	-	Notinstalled	-	-	-
D4	3A/60V	Diode, Schottky	3516	RBR3MM60B	ROHM
D5	Vz=13.3V~	Diode, Zener, Vz=13.3~15.0V	3516	KDZV13B	ROHM
R1	1MΩ	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF1004	ROHM
R2	68kΩ	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF6802	ROHM
R3	-	Short	-	-	-
R4	2kΩ	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF2001	ROHM
R5	78.7kΩ	Resistor, Chip, 1/16W, 1%	1005	MCR01MZPF7872	ROHM
R6	1kΩ	Resistor, Chip, 2W, 5%	3264	LTR100JZPJ102	ROHM
R7	-	Notinstalled	-	-	-
R8	-	Notinstalled	-	-	-
T1	70μH	Transformer, Np:Ns=5:2, ±20%	13.5×18.0×12.5mm	CEP1311F-4812121R	sumida
U1	BD7J200EFJ	I.C. BD7J200EFJ, HTSOP-J8	4.90×6.00×1.00mm	BD7J200EFJ	ROHM

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