

[BD83070GWL-EVK-002] BOM



Reference	Part Number	Manufacturer	Description [Unit: inch (mm)]	Qty.
CIN1	GRM158R61A226ME15D	Murata	22μF, 15V, X5R, 0402 (1005)	1
CIN2	-	-	-	1
CIN3, COUT2, COUT3	-	-	-	3
VIN_S, VOUT_S	CON SMB001-G	TE Connectivity Linx	50ohm SM PC Mount Straight Jack Receptacle	2
CN_EN, CN_MODE, CN_VSEL	M20-9990345	Harwin	HDR1X3 Switch, Through Hole, Pitch 2.54	3
COUT1	GRM188R60J226MEA0D	Murata	22μF, 6.3V, X5R, 0603 (1608)	1
CREF	GRM022R60J474ME15L	Murata	0.47μF, 6.3V, X5R, 01005 (0402)	1
L1	LSCNB1005EET1R0MB	TAIYO YUDEN	1μH, 0.8A, 0402 (1005)	1
VIN, EN, MODE, VSEL, GND, GND, GND, GND, VOUT	1502-2	Keystone Electronics	TEST POINT PC MULTI PURPOSE	9
U1	BD83070GWL	ROHM	3.3V/2.5V 2A Buck-Boost DC/DC	1

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