

Bill of Materials

MCP1663 3.3V 300mA SEPIC DDPAK

Document Number: 02-10931
Board Number: 04-10931
Part Number: ADM01014
Revision: 1.1
Engineer: Elisa Goicea
Drawn By: Elisa Goicea



Creation Date: 2/1/2019
Creation Time: 3:13 PM

Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
2	C1, C2	CAP CER 10uF 10V 20% X5R SMD 0603	Samsung	CL10A106MP8NUNC	Digi-Key	1276-1871-1-ND
1	CC	CAP CER 4.7uF 10V 20% Y5V SMD 0805	Panasonic	ECJ-2YF1A475Z	Digi-Key	PCC1842TR-ND
1	D1	DIO SCTKY RB161MM-20TR 350mV 1A 20V SMD SOD-123F	Rohm	RB161MM-20TR	Digi-Key	RB161MM-20CT-ND
1	D1	DIODE SCTKY 1N5819HW-7-F 450mV 1A 40V SMD SOD-123	Diodes Incorporated	1N5819HW-7-F	Digi-Key	1N5819HW-FDICT-ND
2	L1, L2	FIXED IND 5.6uH 2.2A 238mOHM SMD AEC-Q200	Bourns Inc.	SRP3020TA-5R6M	Digi-Key	SRP3020TA-5R6MCT-ND
1	RB	RES TKF 1.3k 1% 1/10W SMD 0402	Panasonic	ERJ-2RK1301X	Digi-Key	P1.30KLCT-ND
1	RB	RES TKF 470k 1% 1/16W SMD 0402	Rohm Semiconductor	MCR01MRTF4703	Digi-Key	RHM470KCDCT-ND
1	RT	RES TKF 2.2k 1% 1/10W SMD 0402	Panasonic	ERJ-2RK2201X	Digi-Key	P2.20KLTR-ND
Microchip Parts listed below						
0	U1	MCHP ANALOG SWITCHER Boost 32V MCP1663T-E/OT SOT-23-5	Microchip Technology Inc	MCP1663T-E/OT	Microchip Technology Inc	MCP1663T-E/OT