

Bill of Materials For Project ADM00555 MCP1662 Evaluation Board

Project: MCP1662 Evaluation Board.PrjPcb
Source Data: C:\ALTIUM_WORK\projects\MCP1662 Evaluation Board\MCP1662 Evaluation Board.PrjPcb
Engineer: SCH Engineer Name
Board #: ADM00555
BOM File: 02-10243



Creation Date: 6:12:12 PM
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Quantity	Designator	Description ADM00555	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	BT1	BATTERY HOLDER	KEYSTONE	2462	Digi-Key	2462K-ND
1	C1	CAP CER 10uF 50V X7S 1210	TDK Corporation	C3225X7S1H106M	Digi-Key	445-4537-1-ND
1	C2	CAP CER 10uF 10V 10% X7R SMD 0805	Murata	GRM21BR71A106KE51L	Digi-Key	490-3905-1-ND
1	D1	DIODE SCHOTTKY 40V 1A SMA	ON Semiconductor	MBRA140T3G	Digi-Key	MBRA140T3GOSCT-ND
5	J1, J2, J3, J4, J6	CON TP LOOP Tin SMD	Harwin Inc	S1751-46R	Digi-Key	952-1478-1-ND
2	J1_2, J2_2	CONN HEADER R/A SGL 2POS GOLD	3M	961102-5604-AR	Digi-Key	3M9467-ND
4	LD1, LD2, LD3, LD4	LED, HI BRIGHT, 51.7LM, WARM WHITE	CREE	MLEAWT-A1-R250-0004	Digi-Key	MLEAWT-A1-R250-0004E5TR-ND
1	R1	RES 0.0 OHM 1/4W JUMP 1206 SMD	Panasonic - ECG	ERJ-8GEY0R00V	Digi-Key	P0.0ECT-ND
1	R2	RES 1M Ohm 1/10W 1% 0603 SMD	Panasonic - ECG	ERJ-3EKF1004V	Digi-Key	P1.00MHCT-ND
3	RB1, RB2, RB3	RES TKF 10R 1% 1/10W SMD 0603	Stackpole Electronics Inc	RMCF0603FT10R0	Digi-Key	RMCF0603FT10R0CT-ND
1	SW1	2.54mm SW_SMD_DIP X1	Würth Electronics Inc	418121270801	Digi-Key	
1	L1	CHOKE, SMD, 4.7UH	WURTH ELEKTRONIK	7447779004	Digi-Key	732-1189-1-ND
1	SW2	2.54mm SW_SMD_DIP X2	Würth Electronics Inc	418121270802	Digi-Key	

Microchip Parts listed below

1	U1	Led Driver, Boost Converter	Microchip	MCP1662		

Mechanical Parts to be added in the package

Do Not Populate Parts listed below

1	C3	CAP CER 10uF 10V 10% X7R SMD 0805	Murata	GRM21BR71A106KE51L	Digi-Key	490-3905-1-ND

Approved Notes

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