


Project: MSXIV_BatteryModuleConnectorBoard.PrjPcb		
Title: *		
Project Author: Aashmika Mali		<div>University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3E9 Website: uwmid.sun.com</div>
Size: Letter	Revision: 2.0	
Date: 2020-04-08	Sheet* of *	

Bill of Materials

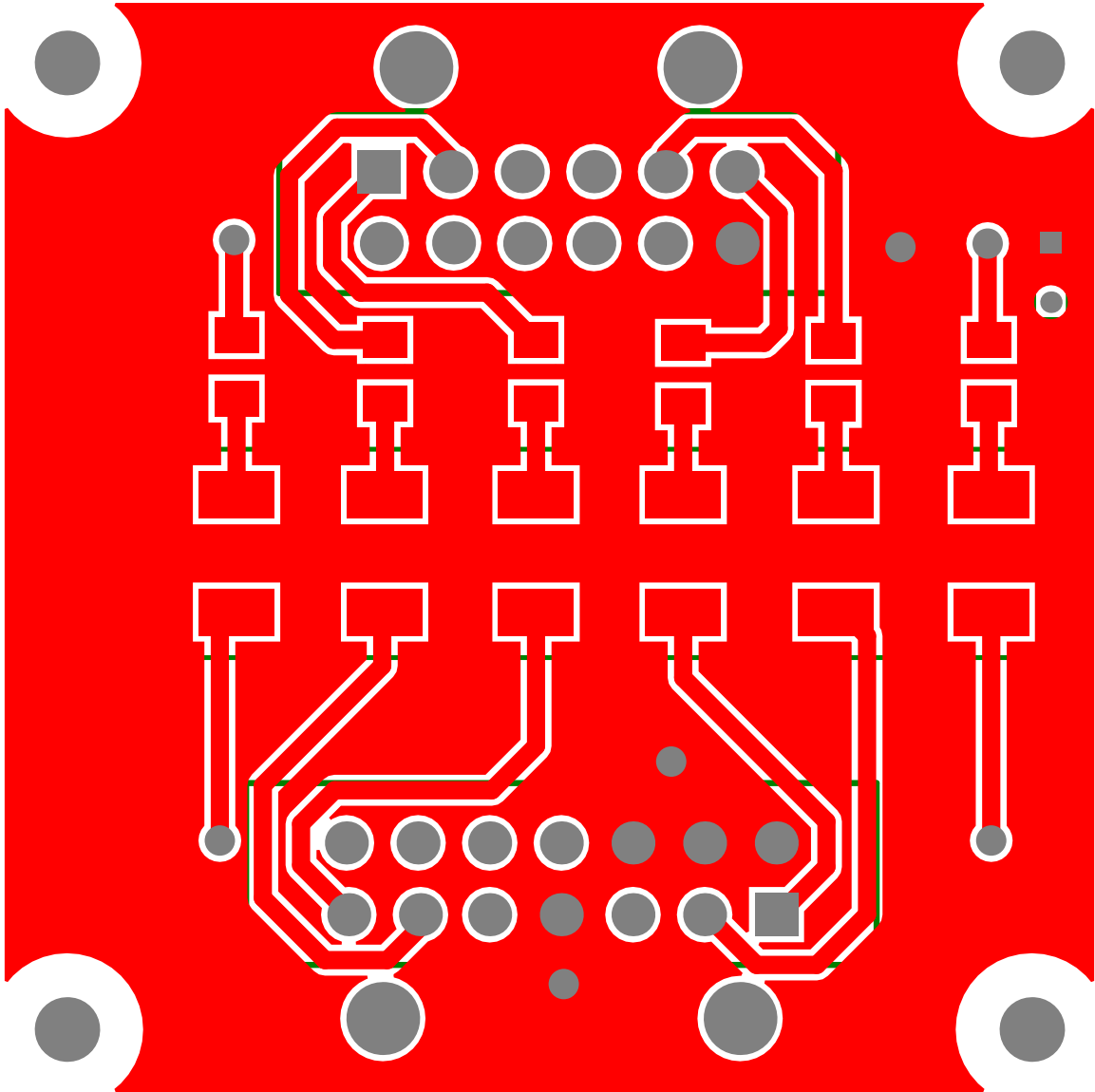
Project:	IV_BatteryModuleConnectorBoard.PrjPcb
Revision:	2.0
Project Lead:	Aashmika Mali
Generated On:	2020-04-08 11:18 PM
Production Quantity:	1
Currency	USD
Total Parts Count:	15

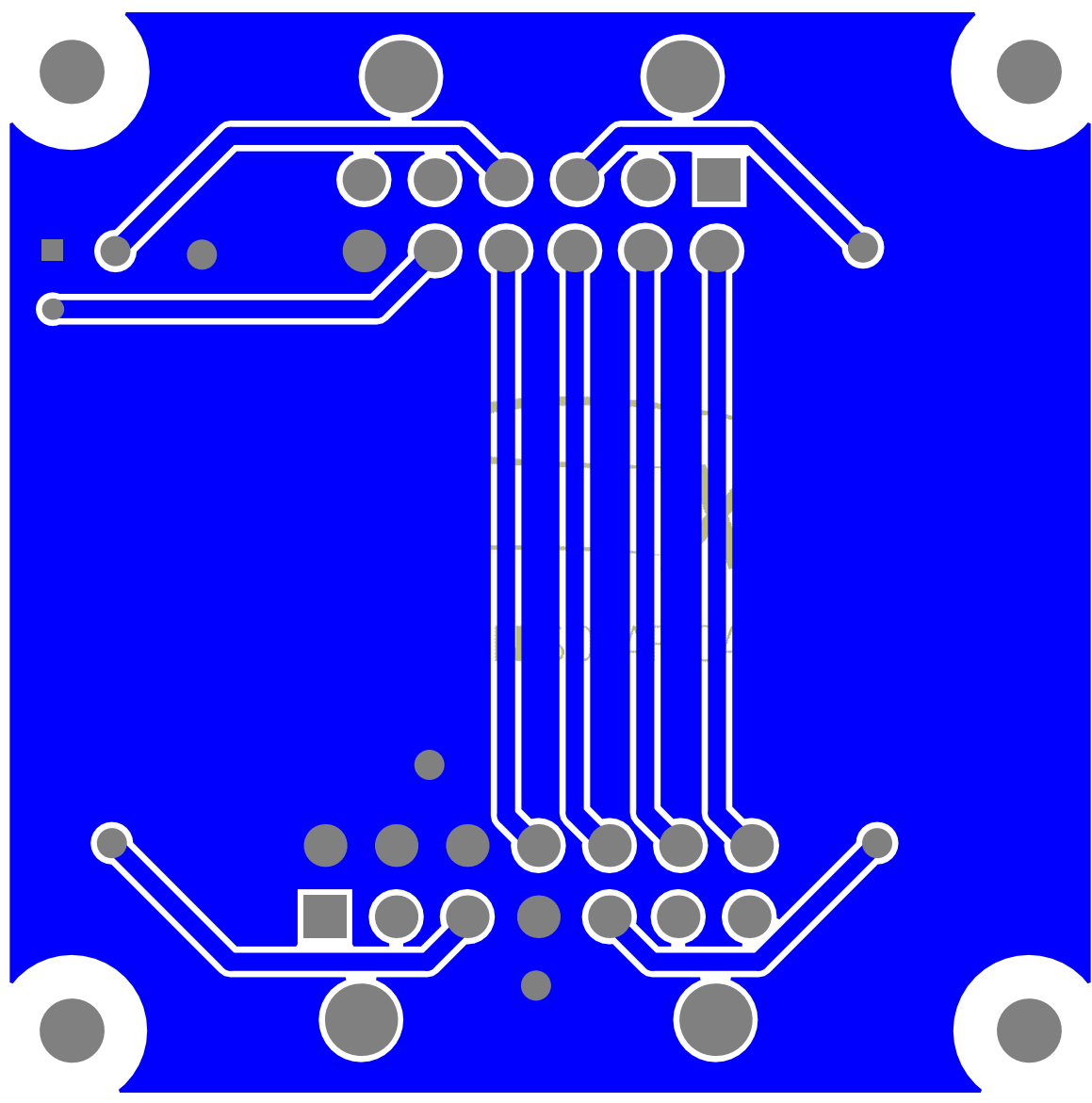
MIDNIGHT



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LibRef	Designator	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price
FUSE 500MA LCSC	F1, F2, F3, F4, F5, F6	Shenzen JDT Fuse	JFC2410-0500FS	LCSC	C136360	
CONN 12POS HEADER R/A MICROFIT 3MM	P1	Molex	0430451200	Digi-Key	WM1818-ND	
CONN 14POS HEADER R/A MICROFIT 3MM	P2	Molex	0430451400	Digi-Key	WM4723-ND	
RES 2 OHM 1% 1/4W 1206	R1, R2, R5, R6	TyoHM	RMC120621%N	LCSC	C269587	
RES 1 OHM 5% 1/4W 1206	R3, R4	TyoHM	RMC120615%N	LCSC	C325901	
NTC THERMISTOR 10K 1% BEAD	RT1			Digi-Key	490-8601-ND	





MSXIV BATTERY
MODULE CONNECTOR
BOARD REV 2.0

To Battery
Module

To AFE

F1

F2

F3

F4

F5

F6

R1

R2

R3

R4

R5

R6

1

12

P1

RT1

P2