









Component list

Report Date:

Bill of Materials For Project [BMS_Carrier_Board.PrjPcb] (No PCB Document Selected)

Source Data From:	BMS_C
Project:	BMS_C
Variant:	None

2018-01-14

10:01:26 PM

Carrier_Board.PrjPcb
Carrier_Board.PrjPcb
Think it, Design it, Build it

Print Date:		14-Jan-18	10:01:42 PM				
# LibRef	#Column Name Error:Manufacturer	olumn Name Error:Manufacturer		Description	Footprint	#Column Name Error:Package Reference	Quantity
1 CAP CER 0.1UF 50V 10% X7R 0603				0.10µF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)	CAP, 0603		2
2 CAP CER 20PF 50V ±5% C0G/NP0 0603				20pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric)	CAP, 0603		2
3 CAP CER 0.1UF 100V 10% X7R 0805				0.1µF ±10% 100V Ceramic Capacitor X7R 0805 (2012 Metric)	CAP, 0805		1
4 DIODE SCHOTTKY 40V 3A DO-214AA (SMB)				214AA (SMB)	DO-214AA Diode		1
5 DIODE ZENER 16V 5W DO-214AA (SMB)				214AA (SMB)	DO-214AA Diode		1
6 LED GREEN CLEAR 2V 0603				Green 572nm LED Indication - Discrete 2V 0603 (1608 Metric)			1
7 LED YELLOW CLEAR 2.1V 0603				Yellow 590nm LED Indication - Discrete 2V 0603 (1608 Metric)			2
8 CONN 50POS Bergstak Plug 0.02"				Contacts Surface Mount Gold	CONN, Bergstak 50 Pos Plug		1
9 CONN 2POS ULTRA-FIT 0.138"				2 Positions Header, Shrouded Connector 0.138" (3.50mm) Through Hole Gold	·		1
10 CONN 2POS ULTRA-FIT NATURAL COLOR 0.138"				2 Positions Header, Shrouded Connector 0.138" (3.50mm) Through Hole			2
11 CONN 2POS DURA-CLIK 0.079" VERT				2 Positions Header, Shrouded Connector 0.079" (2.00mm) Surface Mount, Vertical Tin			1
12 CONN 4POS DURA-CLIK 0.079"				4 Positions Header Connector 0.079" (2.00mm) Surface Mount Tin			1
13 MOSFET N-CH 30V 8.7A 2.1W 6-PQFN (2x2)					MOSFET N-CH 30V 12A 2mmx2mm PQFN		2
14 RES 4.7K OHM 1% 1/10W 0603				4.7k Ohm ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	RES, 0603		3
15 RES 10K OHM 1% 1/10W 0603					RES, 0603		2
16 RES 2K OHM 1% 1/10W 0603				(1608 Metric) Moisture Resistant Thick Film	RES, 0603		2
17 RES 120 OHM 1% 1/10W 0603					RES, 0603		2
18 RES 1.4k OHM 1% 1/10W 0603					RES, 0603		2
19 RES 604 OHM 1% 1/10W 0603					RES, 0603		2
20 RES 0.0 OHM 1/4W 0603					RES, 0603		2
21 Test Point					Test Point		12
22 IC ISOSPI COMM INTERFACE LTC6820IUD					IC COMM INTERFACE ISOSPI 16-QFN		2
23 IC PULSE XFMR 1CT:1CT 350UH SMD				PULSE XFMR 1CT:1CT 350UH SMD	IC, PULSE XFMR 1CT:1CT 350UH SMD		1
Approved			Notes				48