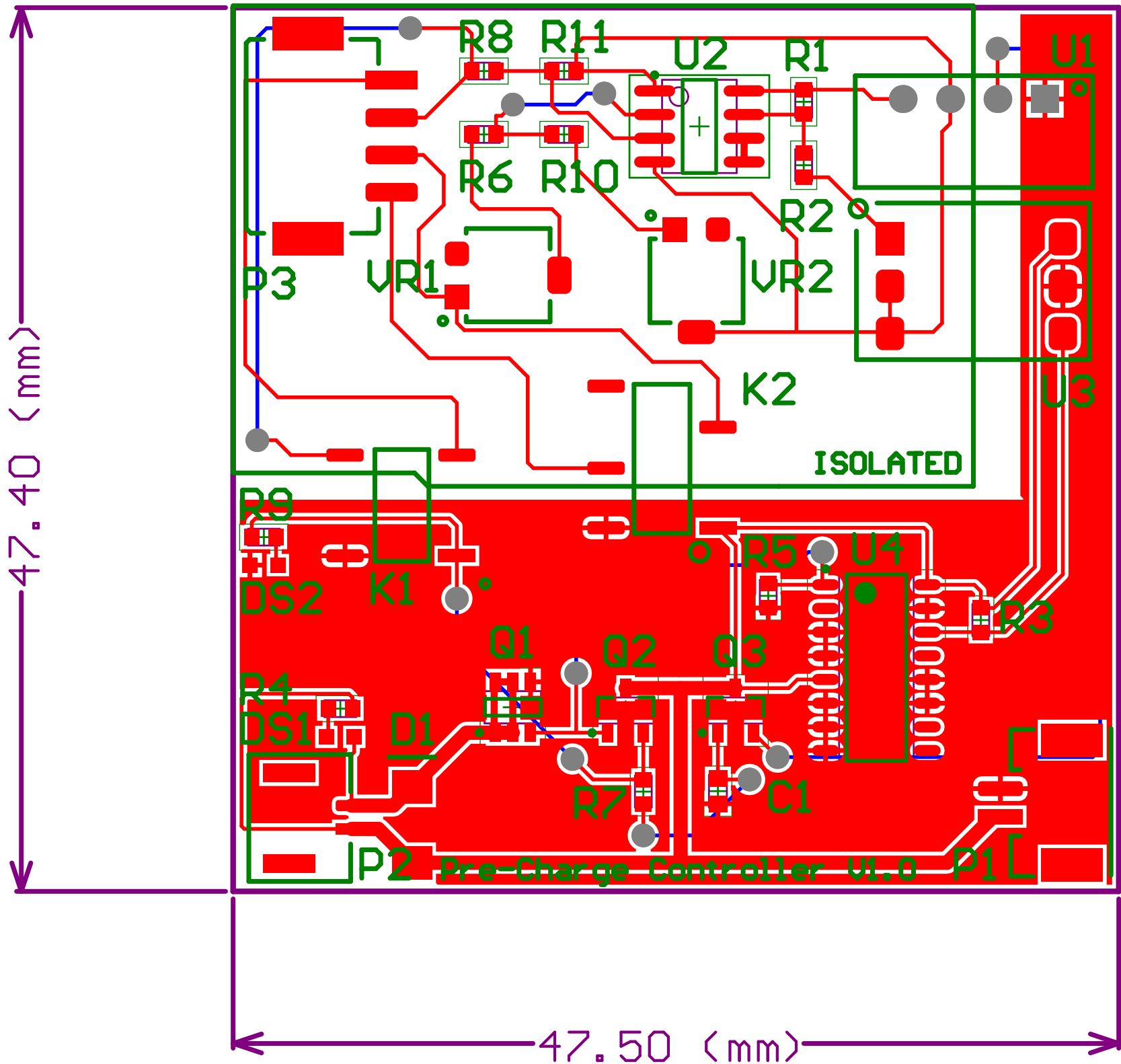


Title		
Size	Number	Revision
A4		
Date:	12/4/2016	Sheet of
File:	C:\Users\...\PreCharge.SchDoc	Drawn By:



Item #	mn Name Error:Manufa	#Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator	Description	Footprint	Comment	LibRef
1			1		C1	2.2µF ±10% 25V Ceramic Capacitor XSR 0603 (1608 Metric)	0603	2.2uF	CAP CER 2.2UF 25V 10% 0603
2			1		D1	Zener Diode 16V 5W ±5% Surface Mount DO-214AA (SMB)	DO-214AA Diode	Zener Diode	Zener Diode
3			1		DS1	Green LED 0603	LED_0603	LED_G	LED_G
4			1		DS2	Red LED 0603	LED_0603	LED_R	LED_R
5			1		K1	Telecom Relay SPST-NO (1 Form A) Surface Mount	RELAY-SPST	Relay-SPST	Relay-SPST
6			1		K2	Telecom Relay SPDT (1 Form C) Surface Mount	RELAY_SPDT	Relay-SPDT	Relay-SPDT
7			1		P1	2 Position Receptacle Connector 0.059" (1.50mm) Surface Mount Tin	WM9811CT-ND	12V Power	2 Position Clik-Mate 12V Connector
8			1		P2	2 Position Receptacle Connector 0.049" (1.25mm) Surface Mount Tin	WM4780CT-ND	CAN	2 Position Clik-Mate CAN Connector
9			1		P3	4 Position Receptacle Connector 0.079" (2.00mm) Surface Mount, Right Angle Tin	WM2282CT-ND	4 Position Clik-Mate HV Surface Mount	4 Position Clik-Mate HV Surface Mount
10			1		Q1	MOSFET P-CH 30V 4A SOT23-6	P-MOSFET	MOSFET-P	MOSFET-P
11			2		Q2, Q3	MOSFET N-CH 50V 200MA SOT23-3	N-CH MOSFET SOT-23	MOSFET-N	MOSFET-N
12			3		R1, R3, R5	RES SMD 10K OHM 1% 1/10W 0603	RES_0603	10K	RES SMD 10K OHM 1% 1/10W 0603
13			1		R2	RES SMD 6.2K OHM 5% 1/10W 0603	RES_0603	RES SMD 6.2K OHM 5% 1/10W 0603	RES SMD 6.2K OHM 5% 1/10W 0603
14			2		R4, R9	RES SMD 820 OHM 5% 1/4W 0603	RES_0603	820 Ohm	RES SMD 820 OHM 5% 1/4W 0603
15			2		R6, R8	RES SMD 470K OHM 1% 1/4W 0603	RES_0603	470K	RES 470K OHM 1% 1/4W 0603
16			3		R7, R10, R11	RES 33K OHM 1% 1/4W 0603	RES_0603	33K	RES 33K OHM 1% 1/4W 0603
17			1		U1		RM-1212S	RM-1212S DCDC	RM-1212S DCDC
18			1		U2		SOIC8	LM311	LM311
19			1		U3	OPTOISO 5KV OPEN COLLECTOR 6SMD	H11LS	H11L1S	H11L1S
20			1		U4	S-R Latch 4 Channel 1:1 IC Tri-State 16-TSSOP	CD4043BDR-16SOIC	CD4043B SR Latch	CD4043B SR Latch
21			2		VR1, VR2	20k Ohm 0.25W, 1/4W Gull Wing Surface Mount Trimmer Potentiometer	20K POT	20k 0.25W Pot	20k 0.25W Pot