

Title 24V to 5V Power Supply			University of British Columbia <i>Department of Physics & Astronomy</i> MCE Project Lab 6224 Agricultural Road Vancouver BC V6T 1Z1 Canada	
Size: B	Number: ELE-C589-131	Revision: A		
Date: 4/8/2015	Time: 11:47:02 AM	Sheet 1 of 1		
File: C589-131 DCDC Sync Box PS.SCHDOC				

UBC - Physics & Astronomy

MCE Project Lab

PS1

JP1

J1

R1

JP2

C2

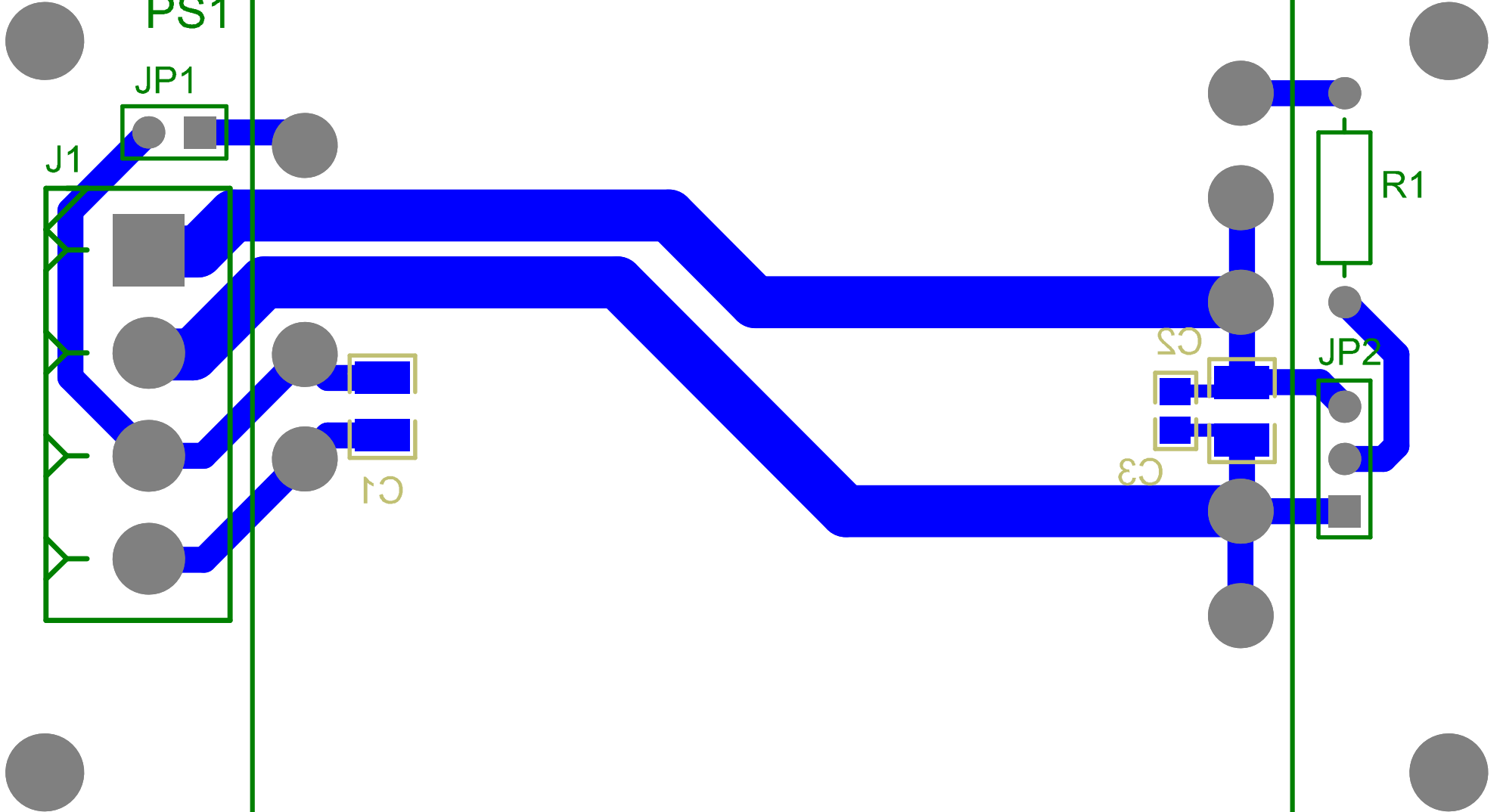
C3

C1

24V to 5V Converter

002504 ASY

ELE-C589-131



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Ceramic 10u 50V 1210	10uF 16V SM0805 Ceramic Capacitor	C1	C3225-1210	Cap Ceramic 10u 50V 1210	1
Cap Cer 47UF 16V X5R 1210	Cap Cer 47UF 16V X5R 1210	C2	C3225-1210	Cap Cer 47UF 16V X5R 1210	1
Cap u1 0805 X7R	SM0805 Ceramic Capacitor	C3	C2012-0805	Cap u1 0805 X7R	1
4cct Terminal Block	4cct Terminal Block 5mm Spacing 300V 15A	J1	4P-5mm	4cct Terminal Block	1
JMPR	2 Pin Jumper Header	JP1	HDR1X2	Jumper2p	1
JMPR	3 Pin Jumper Header	JP2	HDR1X3	Jumper3p	1
UHE-5/ 5000-Q12N	24V to 5V @ 5 A DC-DC Converter	PS1	Datel Case C32	UHE-5/ 5000-Q12N	1
Res-1/ 4W-1%	Resistor 1/ 4W 1% Thru H	R1	AXIAL-400	Res-1/ 4W-1%	1