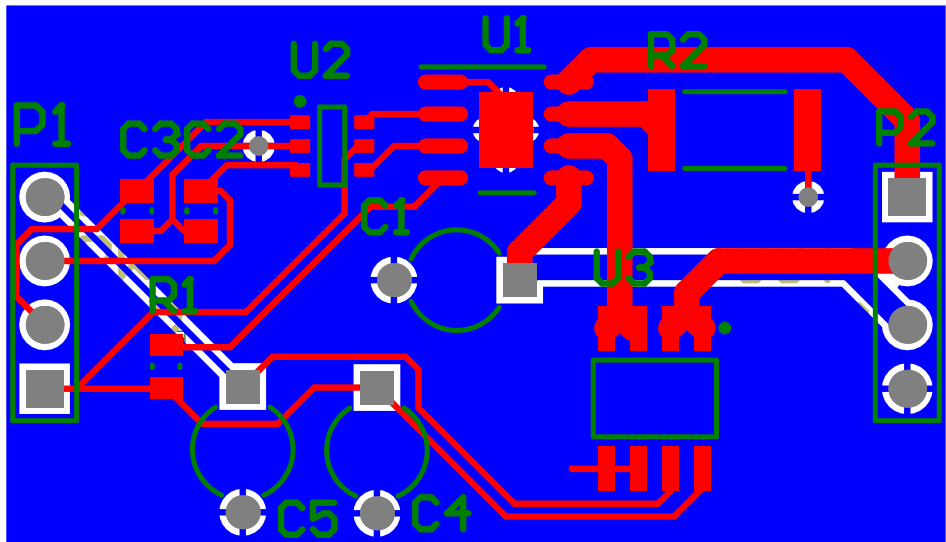


Title			
Motor Driver with Current Sensor			
Size	Number		Revision
A			1.0
Date:	3/12/2018	Sheet 1	of 1
File:	C:\Users\...\motor_driver_current_sensor_SchDoc By: Ben Titus		



Comment	Description	Designator	Footprint	LibRef	Quantity
100uF	100uF Filter Capacitor	C1	CAPR5-4X5	Cap2	1
CAP0805	0805 (2012 Metric) Chip Capacitor	C2, C3	CAPC0805(2012)145_L	CMP-1590-00003-1	2
0.1uF	Capacitor	C4, C5	CAPR5-4X5	Cap2	2
Header 4	Header, 4-Pin	P1, P2	HDR1X4	Header 4	2
RES0805	0805 (2012 Metric) Chip Resistor	R1	RESC0805(2012)_L	CMP-1591-00002-1	1
RES2512	2512 (6432 Metric) Chip Resistor	R2	RESC2512(6432)_L	CMP-1591-00007-1	1
DRV8872DDAR	Imported	U1	DDA0008H_N	DRV8872DDAR	1
SN74LVC1G18DBVR	One of Two Noninverting Demultiplexer with 3-State Deselected Output, DBV0006A, LARGE T&R	U2	DBV0006A_L	CMP-0859-00184-3	1
ACS722LLCTR-05AB-T	High Accuracy, Galvanically Isolated Current Sensor IC, 3 to 3.6 V, -5 to 5 A IP, -40 to 150 degC, 8-Pin SOIC (LC), RoHS, Tape and Reel	U3	ALEG-LC-8_V	CMP-1557-00006-1	1