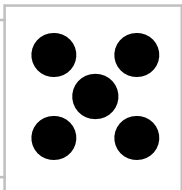
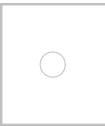


Title		
Size A4	Number	Revision
Date:	04/08/2016	Sheet of
File:	C:\Files\B302 PI Coil Driver.SchDoc	Drawn By:

P2



P1



J4



D12



C4



C5

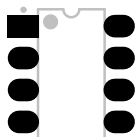
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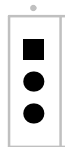
J6



U1



Q1



LED1



R3



J1



J2



D1



D2



D3



D4



D5



D11



D10



D9



D8



D7



D6

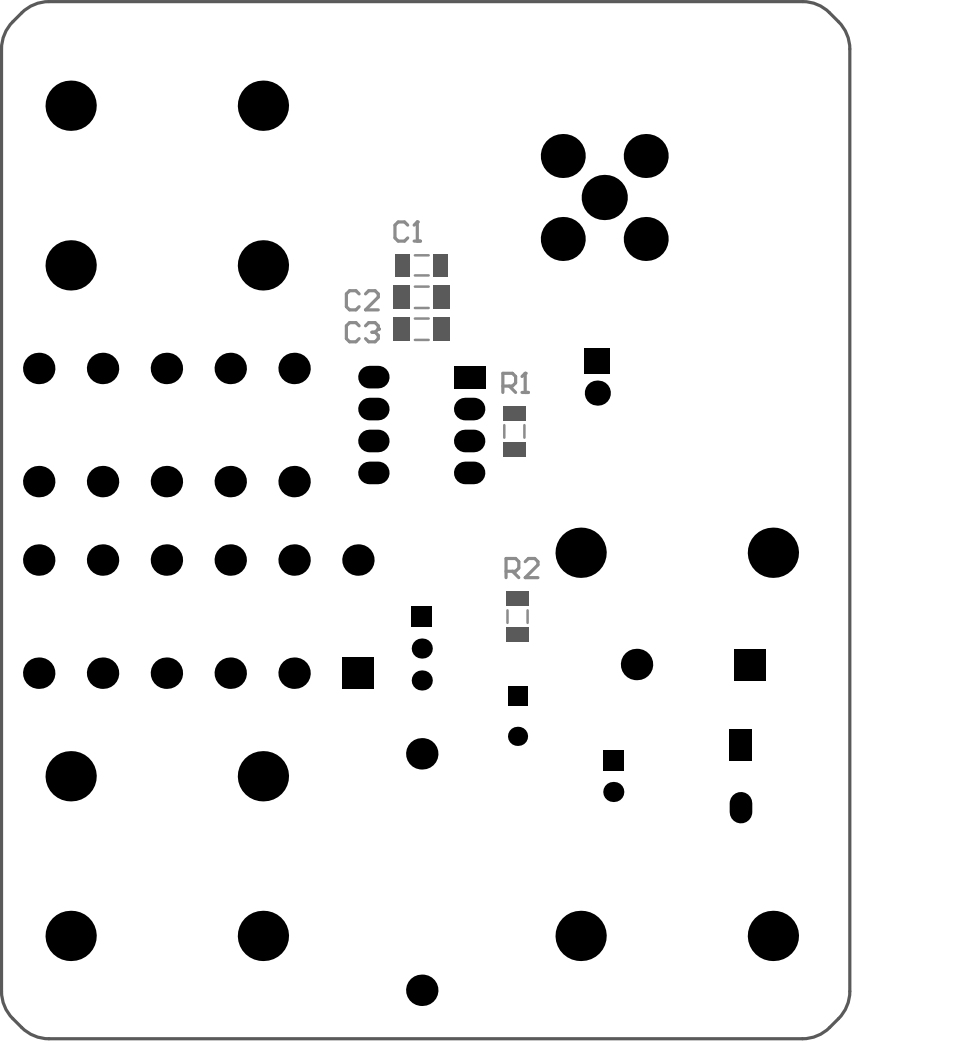


J3



J5





Bill of Materials

<Parameter Title not found>

Source Data From: PulseInductionDriver.PrjPcb
Project: PulseInductionDriver.PrjPcb
Variant: None

Creation Date: 04/08/2016 14:42:37
Print Date: 04-Aug-16 2:42:43 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPC1206(3216)190_N	4.7uF	CMP-1037-04923-1	C1	CAP 4.7uF 50V ±10% 1206 (3216 Metric) Thickness 1.9mm SMD	1
CAPC1206(3216)150_M	100nF	CMP-1037-04216-1	C2, C3	CAP 100nF 100V ±20% 1206 (3216 Metric) Thickness 1.45mm SMD	2
CAPPR5-10X12.5	Cap Polarised	Cap Polarised	C4		1
PNSC-ECA-1HM470	ECA-1HM470	CMP-1665-00013-1	C5	CAP ALUM 47UF 50V 20% RADIAL	1
FAIR-DO-41-2_V	1N4732A	CMP-0892-00030-1	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	Zener Diode, 4.7V, 1W, 5%, -65 to 200 degC, 2-Pin DO-41, Body 2.72 x 5.2 mm, RoHS	10
DIOD-DO-41-P-2_V	1N4002-T	CMP-0639-00002-2	D11, D12	1.0 A Rectifier, 15 pF, 100 V, -65 to 150 degC, 2-Pin DO-41 Plastic, RoHS, Tape and Reel	2
4mm socket right angled	Red	4mm pcb socket r/a red	J1, J4		2
4mm socket right angled	Blue	4mm pcb socket r/a blue	J2, J3		2
4mm socket right angled	Black	4mm pcb socket r/a black	J5, J6		2
LED-Polarized - 3mm	LED_3mm	LED_3mm	LED1	3mm LED	1
HDR1X2	Header 2	Header 2	P1	Header, 2-Pin	1
PCB BNC RA Socket	PCB BNC	PCB BNC	P2	PCB RA BNC Socket	1
INF-PG-TO220-3-1_A_V	IPP110N20N3 G	CMP-1091-00081-1	Q1	N-Channel OptiMOS 3 Power-Transistor, 200 V VDS, 88 A ID, -55 to 175 degC, PG-TO220-3-1, Tube, Green	1
RESC1206(3216)_N	1K 5% 1206(3216)	CMP-1014-00074-1	R1	1K 0.25W 5% 1206 (3216 Metric) SMD	1
RESC1206(3216)_N	3K3 5% 1206(3216)	CMP-1014-00086-1	R2	3K3 0.25W 5% 1206 (3216 Metric) SMD	1
OMTE-13FR025E	13FR025E	CMP-1678-00001-4	R3	RES CURRENT SENSE .025 OHM 3W	1
PDIP300-PA8	TC4451VPA	CMP-0137-00054-1	U1	12A High-Speed MOSFET Drivers, Inverting, Extended Temperature	1
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Approved	Notes