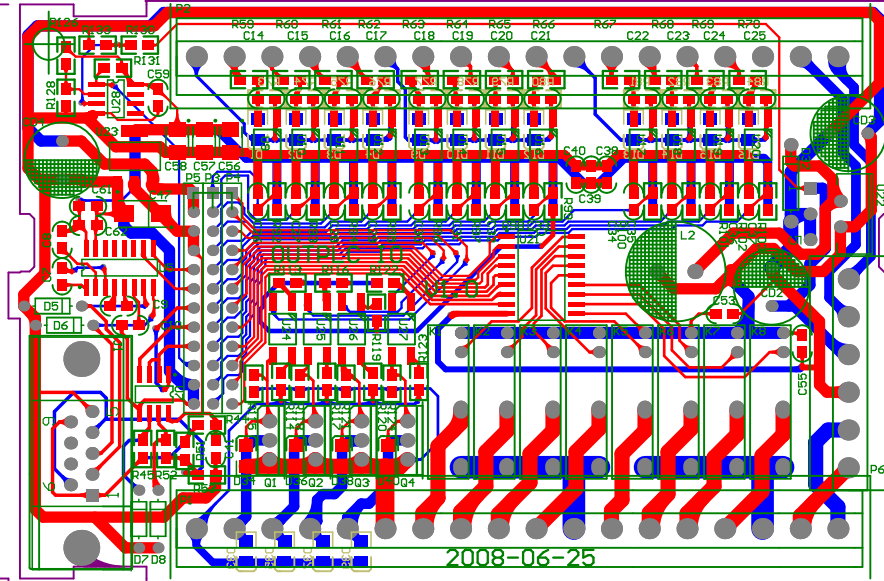


76.00 (mm)



118.00 (mm)

Bill of Materials

<Parameter Title not found>

Source Data From: IO.PRJPCB
Project: IO.PRJPCB
Variant: None

Creation Date: 2008-7-18 7:33:07
Print Date: 39647 39647.31476

Footprint	Comment	LibRef	Designator	Description	Quantity
0805CAP	104	Cap	C7, C8, C9, C10, C14, C15, C16, C17, C19, C20, C21, C22, C23, C24, C25, C27, C28, C29, C30, C31, C32, C33, C35, C36, C37, C38, C39, C40, C41, C55, C59, C61, C62	Capacitor	37
TC2412	106C	CAP Tantalum	C47	Capacitor	1
TC1411	106C	CAP Tantalum	C56, C57, C58	Capacitor	3
CD10/16	50V/330uF	CAP POOL	CD2		1
cd10/16	16V/470uF	CAPACITOR	CD3, CD4	Capacitor	2
1206D	M7	Diode	D1, D2, D3, D4, D9, D10, D11, D12, D13, D14, D15, D16, D33, D35, D37, D39	Default Diode	16
DIODE0.3	P6KE18A	Diode	D5, D6	Default Diode	2
DIODE0.3	P6KE6.8A	Diode	D7, D8	Default Diode	2
DIODE0.4	1N5822	Diode	D32	Default Diode	1
1206D	18V	ZENER3	D34, D36, D38, D40	Zener Diode	4
DSUB9-V	D Connector 9	D Connector 9	J1	Receptacle Assembly, 9 Position, Right Angle	1
PCN	Relay-SPST	Relay-SPST	K1, K2, K3, K4, K5, K6, K7, K8	Single-Pole Single-Throw Relay	8
CD12/25	100uH	Inductor	L2	Inductor	1
WSIP18	UPPER	Header 18	P1	Header, 18-Pin	1
WSIP18	DOWN	Header 18	P2	Header, 18-Pin	1
HDR1X12	Header 12	Header 12	P3, P4, P5	Header, 12-Pin	3
WSIP6	Header 6	Header 6	P6	Header, 6-Pin	1
TO-220H	IRF540N	IRF640N	Q1, Q2, Q3, Q4	HEXFET Power MOSFET	4
0805	10K	Res2	R44, R53, R126, R130, R131	Resistor	5
0805	22	Res2	R45, R52	Resistor	2
0805	120	Res2	R51	Resistor	1
0805	2K	Res2	R59, R60, R61, R62, R63, R64, R65, R67, R68, R69, R70, R73, R74, R75, R77, R78, R79, R80, R81, R82, R83, R89, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R114, R115, R117, R118, R120, R121, R123, R124	Resistor	44
0805	680	Res2	R113, R116, R119, R122	Resistor	4
0805	20K	Res2	R128	Resistor	1
0805	1K	Res2	R133	Resistor	1
SO-G16	MAX3232	MAX3232CWE	U5	3.0V TO 5.5V, Low-Power, up to 1Mbps, True RS232 Transceiver Using Four External Capacitor	1
SO-G8	SP3485	MAX485CSA	U7	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	1
TLP181	TLP181	TLP181	U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U24, U25, U26, U27		16
LW18	ULN2803LW	ULN2803LW	U21	High-Voltage, High-Current Darlington Array	1
T05D	LM2576-5.0	LM2576HVT-5.0	U22	Simple Switcher 3A Step Down Voltage Regulator	1
ZZ311	1117-3.3	REG1117-3.3	U23	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1
SO-G8	LM393D	LM393D	U28	Low-Power Dual Voltage Comparator	1

Approved	Notes