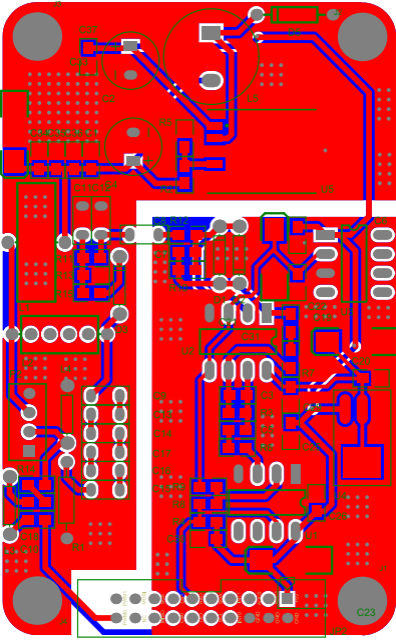


Title		
Size	Number	Revision
A4		
Date:	2009-5-24	Sheet of
File:	F:\...\\rfid_reader.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1, C5, C6, C10, C20, C22, C25, C26, C37	0805	CAP	9
50V100uF	Electrolytic Capacitor	C2	RB.15/.3	CAPD	1
47p	Capacitor	C3, C7	0805	CAP	2
25V220uF	Electrolytic Capacitor	C4	RB.15/.3	CAPD	1
1000p	Capacitor	C8	RAD0.15	CAP	1
470pF/250V	Capacitor	C9, C13, C14, C15, C16, C17	RAD0.15	CAP	6
100p	Capacitor	C11	RAD0.15	CAP	1
102	Capacitor	C12	RAD0.15	CAP	1
472	Capacitor	C18	0805	CAP	1
227	Polarized Capacitor (Radial)	C19, C21, C23, C33	7243	Cap1	4
103	Capacitor	C29, C36	0805	CAP	2
101	Capacitor	C30, C34	0805	CAP	2
102	Capacitor	C31, C35	0805	CAP	2
1N4148	Silicon Switching Diode for High-Speed Switching	D1, D2	DIODE0.3	Diode	2
BYD31	Silicon Switching Diode for High-Speed Switching	D3	DIODE0.3	Diode	1
1N5819	Diode	D5	DIODE0.4	1N5822	1
FREE		J1, J2, J3, J4	PAD_8	PAD_8	4
PSER		JP2	PSER	PSER	1
10mH	Magnetic-Core Inductor	L1	CIRCLE	Inductor Iron	1
11uH	Inductor	L2	CIRCLE_L	Inductor	1
2.2uH	Inductor	L3, L4	AXIAL0.3	Inductor	2
330uH		L5	RB.25/.5	INDUCTOR2	1
M/T	Header, 4-Pin	P2	HDR1X4	Header 4	1
2	Resistor	R1	AXIAL0.4	RES	1
1K	Resistor	R2, R5	0805	RES	2
1M	Resistor	R3, R10	0805	RES	2
10K	Resistor	R4, R9	0805	RES	2
220K	Resistor	R6, R7	0805	RES	2
100K	Resistor	R8	0805	RES	1
47K	Resistor	R11, R15	0805	RES	2
22K	Resistor	R12	0805	RES	1
390K	Resistor	R13	0805	RES	1
80	Resistor	R14	0805	RES	1
LM311		U1	DIP8	LM311	1
MAX492	High-Speed, Single-Supply, Gain of +2, Closed-Loop, Rail-to-Rail Buffer with Enable	U2	DIP8	MAX492	1
MC1403	Precision Low-Voltage Reference	U3	dip8	MC1503AU	1
ASM1117		U4	1117	ASM1117	1
LM2576S-ADJ	Simple Switcher 3A	U5	TS5B	LM2576S-5.0	1