



Title		
Size	Number	Revision
A4		
Date:	2016/4/1	Sheet of
File:	E:\my_pcb\wifi_relay\wifi_relay.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C7, C8, C9	0603	Cap	4
10nF	Capacitor	C2	0603	Cap	1
3.3nF	Capacitor	C3	0603	Cap	1
10uF/50V	Polarized Capacitor (Radial)	C4, C5, C6	1206	Cap Pol1	3
M7	Default Diode	D1	SOD123	Diode	1
LED0	Typical INFRARED GaAs LED	D2, D4	0603	LED0	2
SMBJ33CA	SMBJ33CA	D3	SMB	TVS	1
SMBJ6.5CA	SMBJ33CA	D5	SMB	TVS	1
30V/500mA	Fuse	F1	1812	Fuse 1	1
10uH	Magnetic-Core Inductor	L1	5D28	Inductor Iron	1
relay		P1	relay-t73	relay	1
Header 2	Header, 2-Pin	P2	DG128-5.0-2P	Header 2	1
Header 3	Header, 3-Pin	P3, P4	DG128-5.0-3P	Header 3	2
Header 2	Header, 2-Pin	P5, P6	HDR1X2	Header 2	2
S8050	NPN General Purpose Amplifier	Q1	sot23	2N3904	1
100K	Resistor	R1	0603	Res1	1
1K	Resistor	R2, R7, R9, R10	0603	Res1	4
6.98K	Resistor	R3	0603	Res1	1
52.3K	Resistor	R4	0603	Res1	1
10K	Resistor	R5	0603	Res1	1
4.7K	Resistor	R6, R8	0603	Res1	2
mp2303		U1	so8	mp2303	1
LM1117-3.3		U2	sot223	LM1117-3.3	1
PC817		U3	SOP4	PC817	1
ESP-12F		U4	esp-12f	ESP-12F	1