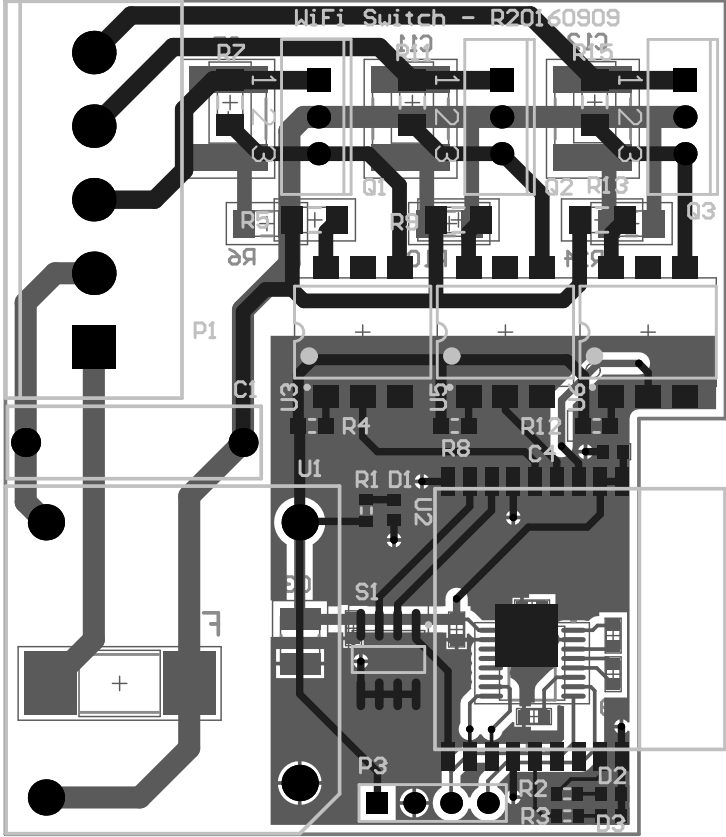


Title		
Size	Number	Revision
A4		
Date:	10/9/2016	Sheet of
File:	C:\Users\...\SmartHomeWiFi.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
FILM CAP X2	CAP, FILM, PP, 100NF, 275VAC, RAD	C1	Radial Leaded Cap X2	FILM CAP X2	1
Cap Semi	Capacitor (Semiconductor SIM Model)	C2, C4	1608[0603]	Cap Semi	2
Cap Semi	Capacitor (Semiconductor SIM Model)	C3	CAPC3225M	Cap Semi	1
Cap	Capacitor	C5, C11, C12	CAPC5750M	Cap	3
MC0603B104M160C T	Capacitor (Semiconductor SIM Model)	C6, C7, C8, C9, C10	1608[0603]	Cap Semi	5
LED0	Typical INFRARED GaAs LED	D1, D2, D3	1608[0603]	LED0	3
SMD FUSE	FUSE, FAST ACTING, SMD, 2A	F1	SMD FUSE	SMD FUSE	1
Terminal Block	5 Ways Terminal Block, PCB, 5.08mm Pitch	P1	Terminal Block 5 Pins	Terminal Block 5 Pin	1
UART	Header, 4-Pin	P3	HDR1X4	Header 4	1
BTA16	Silicon Bidirectional Triode Thyristor	Q1, Q2, Q3	TO-220-AB	BTA16	3
Res3	Resistor	R1, R2, R3	J1-0603	Res3	3
Res2	Resistor	R4, R8, R12	RESC1608M	Res2	3
Res2	Resistor	R5, R6, R7, R9, R10, R11, R13, R14, R15	RESC3216M	Res2	9
SW DIP-4	DIP Switch, 4 Position, SPST	S1	SO8_N	SW DIP-4	1
VTX-214-001-103	AC-DC CONV, FIXED, 1 O/P, 1W, 3.3V	U1	VTX-214-001-103	VTX-214-001-103	1
ESP_WROOM-02	ESP-WROOM-02 WiFi 802.11 Module	U2	ESP-WROOM-02	ESP-WROOM-02	1
MOC3041	Opto-Triac	U3, U5, U6	SMDIP6	MOC3041	3
ST3232CTR	3.0V TO 5.5V, Low-Po	U4	TSSOP16_N	MAX3232CUE	1