VI DIEU KHIEN

SIM900

SIM900A

CAM BIEN DUNG CUA

CAM BIEN HONG NGOAI

Bill of Materials

<Parameter Title not found>

Source Data From: **Project.PrjPCB**

Project: **Project.PrjPCB**

Variant: **None**

Creation Date: 4/13/2015   11:00:50 PM

Print Date: 42107   42107.959

Footprint	Comment	LibRef	Designator	Description	Quantity
Cap 0805	100nF	Cap	C1, C4, C5, C6, C7	Capacitor	5
CP3 220->470uF, 16V, 470uF/16V, 25V	4.7uF - 10V	Cap Pol1	C2	Polarized Capacitor (Radial)	1
SM-1206	10uF	Cap Pol2	C3	Polarized Capacitor (Axial)	1
0805C	100nF	CAP	C8, C9	Capacitor	2
CP1/3.0	2200uF/16V	CP5	C10	Cap 2200uF/16V - 1000uF/50V	1
SM-DIODE	SS3A	Diode	D1, D2	Default Diode	2
BIG_Header 12	Header 12	Header 12	IN/OUT1	Header, 12-Pin	1
ATEN_FEMALE	COAX-F	COAX-F	J1	RF Coaxial PCB Connector, MCX; Thru-Hole, Right-Angle Mount Socket, Blunt Post Terminal, 50 Ohm Impedance	1
DC-IN jacDC cai	Jac DC	DCIN	JDC1	Jac DC input	1
RL_SPDT_10A relay role	Relay	Relay	K1, K2, K3	SPDT Relay	3
SM-0805-LED	LED	LED	LED1, LED2, LED3, LED4, LED5	LED Single colour Green and Red	5
DIP-4	PC817	817A	OPTO1, OPTO2		2
HDR1X6	Header 6	Header 6	P1, P3	Header, 6-Pin	2
HDR2X2	Header 2X2	Header 2X2	P2	Header, 2-Pin, Dual row	1
C1815	C1815	Tran C1815	Q1, Q2	NPN 600mW, ECB	2
SM-0805-R	330R	Res2	R1, R4, R7	Resistor	3
SM-0805-R	1M	Res2	R2	Resistor	1
SM-0805-R	1K	R, Res2	R3, R5, R6, R12, R13, R14, R15, R16	Resistor, Resistor 1/4W	8
SM-0805-R	2K2	RES2	R8, R10	Resistor	2
SM-0805-R	10K	RES2	R9, R11	Resistor	2
DIP40/W0.6	STM32	Component_2	U1		1
SIM900	SIM900A	SIM900Z	U2		1
SIM HOLDER	SIMCARD	SIMCARD	U3		1
SO-16	ULN2003AD	ULN2003AD	U4	Darlington Transistor Array	1
					50

Approved	Notes