



Title		
Size	Number	Revision
A3		
Date:	2016/5/6 星期五	Sheet of
File:	D:\technology\src\srcFront\SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
BATTERY		BAT	DIP-2	BATTERY	1
Cap	Capacitor	C2, C3, C4, C5, C6, C7, C8, C9, C14, C15, C16, C19, C22, C23, C24, C25	6-0805_N	Cap	16
Cap Pol1	Polarized Capacitor (Radial)	C10, C12, C18, C20, C21	100uF	Cap Pol1	5
Cap	Capacitor	C11, C13	100uF	Cap	2
Diode 1N5819	3 Amp Medium Power Silicon Rectifier Diode	D1	SMB	Diode 1N5408	1
LED3	Typical BLUE SiC LED	D2	LED_DIP	LED3	1
LED0	Typical INFRARED GaAs LED	D3	LED-0	LED0	1
POWER		DC_IN	DC10B	POW	1
HOLE		H2, H3, H4, H6	HOLE_3.0	HOLE	4
Header 3X2	Header, 3-Pin, Dual row	ICSP1	HDR2X3	Header 3X2	1
DIP-2		KEY1	HDR1X2	DIP-2	1
Inductor	Inductor	L1	GDRH127	Inductor	1
Inductor	Inductor	L2	AXIAL-0.4	Inductor	1
Inductor Adj	Adjustable Inductor	L3	AXIAL-0.8	Inductor Adj	1
Inductor	Inductor	L4	0402-A	Inductor	1
BNC	BNC Elbow Connector	P2	SMB_V-RJ45	BNC	1
9013	8050/BCW846/BCW847	Q1, Q2	SOT-23R	NPN	2
Res2	Resistor	R1, R2, R3, R4, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17	6-0805_N	Res2	16
RESET		S1	KEY	KEY	1
Header 4X2	Header, 4-Pin, Dual row	SW	HDR2X4	Header 4X2	1
小磁环3股绕线，再绕13圈	Transformer (Equivalent Circuit Model)	T1	4pin	Trans Eq	1
Trans CT	Center-Tapped Transformer (Coupled Inductor Model)	T2	5pin	Trans CT	1
atmega328p-au		U1	TQFP-32N-1	atmega328p-au	1
CDCE913		U2	CDCE913	CDCE913	1
TPS79333		U3	SOT-23-5	TPS79333	1
hx3033		U4	HX3033	hx3033	1
TP4056		U5	SOP-PP-8	TP4056	1
2SD882	8050/BCW846/BCW847	VT3	D882	NPN	1
cstce16m		Y1	cstce8m	cstce8m	1
24MHz	Crystal Oscillator	Y2	XTAL_US	XTAL	1