



Title		
Size	Number	Revision
A4		
Date:	2018/4/28	Sheet of
File:	C:\Users\...\原理图.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7	RAD-0.3	Cap	7
1mF		C8	RB1	CAP3	1
CRY		CY1	XTAL-1	CRY	1
LED0	Typical INFRARED GaAs LED	D1, D3	LED-0	LED0	2
Bridge1	Full Wave Diode Bridge	D2	D-38	Bridge1	1
RELAY-T74	CN-RELAY-T74	K1	RELAY-T74	RELAY-T74	1
LCD1602		LCD1	LCD1602	LCD1602	1
Bell	Electrical Bell	LS1	PIN2	Bell	1
MOTOR		M1	DG1282	MOTOR	1
10k	Header, 9-Pin	P1	MHDR1X9	MHDR1X9	1
Header 2	Header, 2-Pin	P2	HDR1X2	Header 2	1
2N3906	PNP General Purpose Amplifier	Q1	TO-92A	2N3906	1
Q-BC807	PNP General Purpose Amplifier	Q2	SOT-23Q	Q-BC807	1
Res2	Resistor	R1, R2, R3, R4, R6, R7, R8, R10, 加热电阻	AXIAL-0.4	Res2	9
RPOT2	Potentiometer	R5	VR5	RPOT2	1
SW-PB		S1		SW-PB	1
SW-PB	Switch	S2, S3, S4, S5	SPST-2	SW-PB	4
Trans	Transformer	T1	TRANS	Trans	1
LMH6642	Amplifier IC	U1		LMH6642	1
74LS04		U2	DIP-14	74LS04	1
AT89C51		U3	DIP-40	AT89C51	1
L298N		U4	L298N散热片	L298N	1
78L05		U5	TO257V	78**	1
DS18B20		U6	TO-92A	DS18B20	1
Header 3H	Header, 3-Pin, Right Angle	水位传感器	HDR1X3H	Header 3H	1