

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header, 2-Pin	3.3VDC, 5VDC	HDR1X2	Header 2	2
25LC256		25LC256	DIP-8	25LC256	1
104	Cap SMD	C1	C0805	CM	1
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C10	C0805	Cap	10
104	Cap np 104 => 105pF, Cap SMD	C4, C7, C8, C12, C13, C14	SM-0805	CM, CN2	6
22p	Cap SMD	C5, C6	SM-0805	CM	2
Cap2	Capacitor	C6, C9	CAP P 6.3x5.4	Cap2	2
Cap	Capacitor	C8, C9	SM-0805	Cap	2
4.7uF	Cap P 0,1uF < 220V , 16 - 50V	C9	CP1/2.5	CP1	1
10uF	Cap P 0,1uF < 220V , 16 - 50V	C10, C11, C15, C16	CP1/2.5	CP1	4
222	Cap np 104 => 105pF	C17, C18	SM-0805	CN2	2
LED nguon	Typical INFRARED GaAs LED	D0	LED3mm	LED0	1
Diode	Default Diode	DIODE1	DZ0.5A	Diode	1
LM324	Op x 4	IC2	SO-14	LM324	1
ICSP	Header, 5-Pin	ICSP	CON5	Header 5	1
Jumper 3	Jumper 3	J1	JP3	JP3	1
LM317	Adj voltage +1.2 -> +37V	LM1117	SOT223-4N	LM317	1
MQ-6	Header, 2-Pin	MQ6	CON2	Header 2	1
Header 6X2	Header, 6-Pin, Dual row	MRF24J40MB	MRF24J40MB_board_mini	Header 6X2	1
MRF24J40MB		MRF24J40Mx	MRF24J40MB	MRF24J40MB	1
PIC16F688		PIC1	SO-14	PIC16F688	1
JP5	Connector 5	PROGRAMER1	CON5	Con5	1
C1815	NPN 600mW, ECB	Q1, Q2	SOT23B	C1815	2
10k	Resistor 1/4W	R1	C0805	R	1
5K1	Resistor 1/4W	R1, R2	SM-0805	R	2
Res1	Resistor	R1, R3, R4	C0805	Res1	3
res	Resistor	R2	C0805	Res1	1
47K	Resistor 1/4W	R3	SM-0805	R	1
12k	Resistor 1/4W	R4, R10	SM-0805	R	2
100k	Resistor 1/4W	R5, R6, R11, R13	SM-0805	R	4
Res Semi	Semiconductor Resistor	R7	C0805	Res Semi	1
330k	Resistor 1/4W	R7, R8, R9	SM-0805	R	3
1M	Resistor 1/4W	R12, R14	SM-0805	R	2
PIR module	Header, 3-Pin, Right Angle	RainSensor	CON3	Header 3H	1
SHT1x		SHT1x	SHT1x	SHT1x	1
SHT10 conector	Header, 4-Pin	SHT_CON	CON4	Header 4	1
SHTCON	Header, 4-Pin	SHT_CON	HDR1X4	Header 4	1
JP2	Connector 2	SIG1	CON2	Con2	1
SW	Switch button 2 pin	SW_BUTTON	SW-2P-S	SW2	1
HB100		U1	HB100_SENSOR	HB100_SENSOR	1
PIC24FJ128GA306		U1	TQFP-PT64_N	PIC24FJ128GA306	2
JP3	Connector 3	UART1	CON3	Con3	1
UART1	Connector 3	UART1	CON3	Con3	1
UART2	Connector 3	UART2	CON3	Con3	1
10K	Var Resistor	VR2, VR3	VR	VR	2
4Mhz	Crystal For all Crystal 2pin.	X1	XT2	XT2	1
XTAL	Crystal Oscillator	Y1	XT2	XTAL	1