



Item #	Column Name Error:Manu	#Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator
1			1		ADC Connector1
2			5		C1, C2, C3, C5, C11
3			4		C4, C6, C7, C8
4			2		C9, C10
5			1		IC1
6			1		IC2
7			1		J1
8			2		LED1, LED2
9			1		microSD module Connector1
10			2		Q1, Q2
11			11		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11
12			1		S
13			1		U1
14			1		U2
15			1		U3
16			1		U4
17			1		X1

Description	Footprint	Comment	LibRef
Header, 8-Pin	HDR1X8	ADC	Header 8
Capacitor	RAD-0.3	Cap	Cap
Polarized Capacitor (Axial)	POLAR0.8	Cap Pol2	Cap Pol2
Polarized Capacitor (Radial)	RB7.6-15	Cap Pol1	Cap Pol1
Real Time Clock (RTC) IC Clock/Calendar 56B I ² C, 2-Wire Serial 8-SOIC (0.154, 3.90mm Width)	DIP794W47P254L991H457	DS1307	DS1307
3-Terminal Low-Current Positive Fixed Voltage Regulator	29-04	MC78L05ACP	MC78L05ACP
Jack Socket, 1/4" [6.5mm], Thru-Hole, Vertical, 2-Conductor with Tip closed	JACK/6-V3A	9V/12V	Phonejack2 TN
Typical INFRARED GaAs LED	LED-0	LED0	LED0
Header, 7-Pin	HDR1X7	SD_CON	Header 7
Crystal Oscillator	R38	XTAL	XTAL
Resistor	AXIAL-0.3	Res1	Res1
Switch	SPST-2	SW-PB	SW-PB
8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 40-pin PDIP, Industrial Grade, -40°C to 85°C	40P6	ATmega32A-PU	ATmega32A-PU
2/2 Transceiver Full RS232 16-PDIP	DIP794W47P254L1943H48	MAX232ACPE+	MAX232ACPE+
Emulators / Simulators AVR USB IN CIRCUIT EMUL/PRGMR ISP	Q16	AVR-ISP	AVR-ISP
±0.5°C 4V-30V, Temperature sensor with analog output 3-TO-92	TO127P254X495-3P	LM35DZ/LFT4	LM35DZ/LFT4
SURGE SUPPRESSOR RS-232 DB9M/F	DB9	DB9	DB9