

Name	Description	Designator	Quantity
BT		BT1, BT2, BT3, BT4, BT5	5
CN-ALU-DIP	Capacitor (Semiconductor SIM Model)	C1, C2, C6	3
CN1.5	Cap np Cremic 682pF => 104 pF	C3, C4, C5, C7	4
CN0	Cap np Cremic value 1pF => 100pF	Cx1, Cx2	2
1N4007	General Purpose Rectifier, 1.1 V, 1.0 A, -55 to 175 degC, 2-Pin DO-41, RoHS, Tape and Reel	D1	1
Led Flat	Led Flat 2x5mm	D2, D3, D4, D5, D6, D7, RX, TX	8
UR502DC	Red LED, 80 mW, 30 mA, -25 to 85 degC, 2-Pin THD	DS1	1
7SEG	14.2 mm General Purpose Blue 7-Segment Display: CC, RH DP, Gray Surface	DS2	1
LM78xx	Low-Power Dual Operational Amplifier	IC1	1
Atmega16L	8-Bit AVR Microcontroller with 16K Bytes of In-System Programmable Flash Memory	IC2	1
JP5x2	WR-PHD 2.54 mm Dual Socket Header	J1	1
DCIN	Jac DC input	JDC1	1
JP1	WR-PHD 2.54 mm Angled Socket Header	JP1	1
JP2	WR-PHD 2.54 mm Angled Socket Header	JP2	1
LCD 16x2A	LCD display 16 char, 2 line	LCD1	1
JP 1x8 2.54	Cám	PA1, PB1, PC1, PD1	4
1k	Resistor 1/4W	R1	1
R	Resistor 1/4W	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13	12
10K	Resistor 8 (Thanh)	RPB1, RPB2	2
Socket 6P1R	Socket 6Pins x 1Rows	S1	1
10K	Cám	T1	1
XT2	18 PIN, W 300mil, Pin to pin 100mil	X1	1