Item	Qty	Reference(s)	Value	Description	Datasheet
1	3	C1, C2, C3	0.1u	Leaded MLCC 0.1uF50V 2.54mm	https://akizukidenshi.com/catalog/g/gP-00090/
2	1	C4	10uF	capacitor 10uF50V	https://akizukidenshi.com/catalog/g/gP-03116/
3	1	CON1	PICKIT/SNAP	2.54mm 8-Pin header strip straight(or right angle), single row	https://akizukidenshi.com/catalog/g/gC-00167/
4	1	CON2	UART	2.54mm 6-Pin header strip straight(or right angle), single row	https://akizukidenshi.com/catalog/g/gC-00167/
5	1	CON3	Software Serial	2.54mm 6-Pin header strip straight(or right angle), single row	https://akizukidenshi.com/catalog/g/gC-00167/
6	1	CON4	DC-IN	2.54mm 3-Pin header strip straight(or right angle), single row	https://akizukidenshi.com/catalog/g/gC-00167/
7	2	D1, D2	1N4148	Small Signal Diode 1N4148	https://akizukidenshi.com/catalog/g/gI-00941/
8	2	J1, J2	CPUA/B	2.54mm 20-Pin female header, single row, straight dip	https://akizukidenshi.com/catalog/g/gC-03077/
9	1	LED1	POWER LED	3mm LED	https://akizukidenshi.com/catalog/g/gI-11577/
10	2	R1, R2	10k	resistor 10k 1/6W	https://akizukidenshi.com/catalog/g/gR-16103/
11	1	R3	1.5k	resistor 1.5k 1/6W	https://akizukidenshi.com/catalog/g/gR-16152/
12	2	RN1, RN2	10K	SIP resistor, 5-pin, 4 x 10k	https://akizukidenshi.com/catalog/g/gR-11909/
13	1	SW1	POWER	slide switch SS-12D00G3	https://akizukidenshi.com/catalog/g/gP-15707/
14	1	SW2	RESET	tact switch TS-0606	https://akizukidenshi.com/catalog/g/gP-03649/
15	1	U1	CDP1802ACE	CDP1802ACE microprocessor	http://www.cosmacelf.com/publications/data-sheets/cdp1802.pdf
16	1	U2	PIC18F27Q43	Microchip PIC18F27Q43 microprocessor	https://akizukidenshi.com/catalog/g/gI-16593/
17	1	U1 socket		40-Pin IC socket 600mil	https://akizukidenshi.com/catalog/g/gP-00034/
18	1	U2 socket		28-Pin IC socket 300mil	https://akizukidenshi.com/catalog/g/gP-01339/