

Qty	description	Pkg	Mouser #	Label		
1	AT90USB1286-AU	TQFP-44	556-AT90USB1286-AU [1]	U1	\$10.97	\$10.97
3	1μF 805	805	80-C0805C105K4R	C4, C10, C13	\$0.10	\$0.30
9	0.1μF 805	805	80-C0805C104K5R	C3, C6, C7, C8, C9, C11, C12, C14, C15	\$0.12	\$1.08
1	4.7μF tantalum	1206	581-TAJA475K025RNJ	C5	\$0.10	\$0.10
2	18pF NP0	805	80-C0805C180J5G	C1, C2	\$0.11	\$0.22
2	30k Resistor	805	667-ERJ-6GEYJ303V	R12, R14	\$0.10	\$0.20
3	10k Resistor	805	667-ERJ-6GEYJ103V	R1, R11, R13	\$0.10	\$0.30
1	150 Resistor	805	667-ERJ-6GEYJ151V	R6	\$0.10	\$0.10
2	120Ω Resistor	805	667-ERJ-6GEYJ121V	R7, R8	\$0.10	\$0.20
2	22Ω Resistor	805	667-ERJ-6GEYJ220V	R4, R5	\$0.10	\$0.20
2	4.7KΩ Resistor	805	667-ERJ-6GEYJ472V	R2, R3	\$0.10	\$0.20
1	16Mhz XTAL 5 mm x 3.2 mm	5 mm x 3.2 mm	815-ABM3B-16-B2	Y1	\$0.65	\$0.65
1	0.5A PTC - resettable fuse	3216	576-1206L050/15YR	F1	\$0.48	\$0.48
2	LED Driver	SSOP-28 5.3 x 1	870-IS31FL3731-SALS2	U2, U3	\$1.93	\$3.86
28	Common Anode RGB LED	PLCC-4	941-CLV1LFKBCHMMQDGB		\$0.24	\$6.72
1	Button - j-wing		667-EVQ-Q2F01W	SW1	\$0.39	\$0.39
1	USB mini connector		649-10033526-N3212LF	P1	\$0.65	\$0.65
78	1N4148 SMD diode	SOD-123	833-1N4148W-TP		\$0.04	\$3.12
1	5mm Light pipe		749-PLP52125D		\$0.56	\$0.56
						\$30.30

[1] Must order \_exact\_ part number