

	Item	Manufacturer Part Number	Description	Package Type	Designator	Supplier	Product Code	Qty	Cost /Unit	Cost	Link
BOARD	1	1725698	Wire-To-Board Terminal Block	6-pin single row Through-hole	n/a	Farnell.com	3041426	1	€2.80	€2.80	<a href="https://bit.ly/31z4zGx">https://bit.ly/31z4zGx</a>
	2	174889	Stripboard - single-sided	n/a	n/a	Farnell.com	174889	1	€12.65	€12.65	<a href="https://bit.ly/2MRxHoj">https://bit.ly/2MRxHoj</a>
POWERSUPPLY	3	MCGPR35V476M6.3X11	Electrolytic Capacitor, 47 µF, 35 V, MCGPR Series, ± 20%, Radial Leaded,	Through-hole Radial	C4	Farnell.com	9451277	1	€0.07	€0.07	<a href="https://bit.ly/2IiiUjz">https://bit.ly/2IiiUjz</a>
	4	MCF 0.25W 220R	Series, 250 mW, ± 5%, Axial Leaded, 250 V	Through-hole Axial	R1 + R2(x2) + R29-R31	Farnell.com	9339299	6	€0.02	€0.14	<a href="https://bit.ly/2MLV838">https://bit.ly/2MLV838</a>
	5	MC7805CTG	Positive, 10V To 35V In, 5V And 1A Out, TO-220-3	TO-220	U1	Farnell.com	9666095	1	€0.48	€0.48	<a href="https://bit.ly/2IiI1zt">https://bit.ly/2IiI1zt</a>
	6	MCGPR16V227M6.3X11	Electrolytic Capacitor, 220 µF, 16 V, MCGPR Series, ± 20%, Radial Leaded,	Through-hole Axial	C2	Farnell.com	9451099	1	€0.09	€0.09	<a href="https://bit.ly/2X8BAxq">https://bit.ly/2X8BAxq</a>
	7	MC0805B224K500A5.08MM	Multilayer Ceramic Capacitor, 0.22 µF, 50 V, MC Series, ± 10%, Radial Leaded, X7R	Through-hole Radial	C1 + C3	Farnell.com	2395774	2	€0.15	€0.30	<a href="https://bit.ly/2ZxDUjX">https://bit.ly/2ZxDUjX</a>
	8	1N4001G	Standard Recovery Diode, 50 V, 1 A, Single, 1.1 V, 30 A	Through-hole Axial	D1	Farnell.com	1458986	1	€0.19	€0.19	<a href="https://bit.ly/2X0ahG">https://bit.ly/2X0ahG</a>
	9	HLMP-1301	LED, Red, Through Hole, T-1 (3mm), 10 mA, 1.9 V, 626 nm	Through-hole Radial	LED1 + LED2	Farnell.com	1003196	2	€0.24	€0.48	<a href="https://bit.ly/2R3jis">https://bit.ly/2R3jis</a>
	10	K223K15X7RF53L2	Multilayer Ceramic Capacitor, 22000 pF, 50 V, Mono-Kap Series, ± 10%, Radial Leaded, X7R	Through-hole Radial	C5	Farnell.com	1141773	1	€0.01	€0.01	<a href="https://bit.ly/2XIKFQP">https://bit.ly/2XIKFQP</a>
OSCILLATOR	11	MKS2C021001A00JSSD	DC Film Capacitor, 10000 pF, 63 V, PET (Polyester), ± 5%, MKS2 Series	Through-hole Radial	C9 + C7	Farnell.com	1890129	3	€0.05	€0.15	<a href="https://bit.ly/2XdpDmI">https://bit.ly/2XdpDmI</a>
	12	SN74AC14N	Inverter, Schmitt Trigger, 74AC14, 1 Input, 24 mA, 2 V to 6 V, DIP-14	DIP-14	U2	Farnell.com	1470853	1	€0.52	€0.52	<a href="https://bit.ly/2XotTiv">https://bit.ly/2XotTiv</a>
COUNTDOWN	13	SN74HC590AN	Binary Counter, HC Family, 40 MHz, 2 V to 6 V, DIP-16	DIP-16	U3	Farnell.com	1470786	1	€0.53	€0.53	<a href="https://bit.ly/31KolxI">https://bit.ly/31KolxI</a>
	14	MCCFR052J0103A20	500mW, 5%	Through-hole Axial	R3 -> R28	Farnell.com	1127905	26	€0.06	€1.56	<a href="https://bit.ly/2L0nrIT">https://bit.ly/2L0nrIT</a>
COMPARATOR	15	LM339AN	Analogue Comparator, Voltage, 4 Comparators, 1.3 µs, 2V to 36V, ± 1V to ± 18V, DIP, 14 Pins	DIP-14	U5	Farnell.com	1564966	1	€0.32	€0.32	<a href="https://bit.ly/31z5FMz">https://bit.ly/31z5FMz</a>
INTERFACE	16	L-483GDT	LED, Cylindrical, Green, Through Hole, T-1 3/4 (5mm), 20 mA, 2.2 V, 568 nm	Through-hole Radial	LED3 + LED4	Farnell.com	1142545	2	€0.18	€0.36	<a href="https://bit.ly/2wVwUjI">https://bit.ly/2wVwUjI</a>
	17	ADXL335Z	ADXL335 - 5V ready triple-axis accelerometer (+/-3g analog out	4 x 4 x 1.45 mm LFCSP	ADXL335	adafruit.com	163	1	€13.30	€13.30	<a href="https://www.adafruit.com/product/163">https://www.adafruit.com/product/163</a>
	18	A000073	Development Board, Arduino Uno SMD, ATmega328 MCU, 54 5V I/O, 16 Analogue Inputs, UART	N/A	N/A	Farnell.com	2285200	1	€18.10	€18.10	<a href="https://bit.ly/2wVwaUi">https://bit.ly/2wVwaUi</a>
	19	CTB1302/PS24	Connector Accessory, Pin Strip Header, Camdenboss CTB1302 Series PCB	N/A	N/A	Farnell.com	2493629	1	€2.11	€2.11	<a href="https://bit.ly/2RlN4Vt">https://bit.ly/2RlN4Vt</a>
	20	RS1-08-G-.413	1 X 8 Position Female Socket with 10.5mm Pins and 2.54MM Pitch	N/A	N/A	Farnell.com	2802333	1	€0.34	€0.34	<a href="https://bit.ly/2MPBOSw">https://bit.ly/2MPBOSw</a>
	21	111-2803-008	Ribbon Cable, Spectra Bond® Flat, Per M, Unscreened, 8 Core, 28 AWG	N/A	N/A	Farnell.com	1301013	1	€4.18	€4.18	<a href="https://bit.ly/2WMds0Q">https://bit.ly/2WMds0Q</a>