

Quantity	Designator	Manufacturer 1	Manufacturer Part Number 1	Description
1	D4	NTE Electronics	1N752A	Zener Diode 5.6V 1/2 Watt 5% Do-35 Case
4	D7, D8, D9, D10	ON Semiconductor / Fairchild	1N4002	DIODE GEN PURP 100V 1A DO41
3	D1, D5, D6	NXP Semiconductors	1N4148	NEXPERIA - 1N4148 - DIODE, 1N4148 AMMO-BOX 10K
1	D3	ON Semiconductor / Fairchild	1N5236B	FAIRCHILD SEMICONDUCTOR 1N5236B Zener Single Diode, 7.5 V, 500 mW, DO-35, 5 %, 2 Pins, 200 C
1	D2	ON Semiconductor / Fairchild	1N5237B	ZENER DIODE, 500mW, 8.2V, DO-35; Zener Voltage Vz Typ:8.2V; Power Dissipation Pd:500mW; Diode Case Style:DO-35; Zener Tolerance :5%; No. of Pins:2Pins; Operating Temperature Max:200 C; Packaging:Each; Breakdown Voltage:8.2V ;RoHS Compliant: Yes
1	U1	3M	228-4817-00-0602J	CONN IC DIP SOCKET ZIF 28POS GLD
1	LED1	Wurth Electronics	151033RS03000	WURTH ELEKTRONIK 151033RS03000 LED, 3MM, RED, 2600MCD, 621NM
6	Q1, Q2, Q3, Q4, Q6, Q7	Multicomp	BC237B	MULTICOMP BC237B Bipolar (BJT) Single Transistor, NPN, 45 V, 200 MHz, 350 mW, 100 mA, 290
1	Q5	ON Semiconductor / Fairchild	BC558BTA	FAIRCHILD SEMICONDUCTOR BC558BTA Bipolar (BJT) Single Transistor, PNP, -30 V, 150 MHz, 500 mW, -100 mA, 200 hFE
2	U2, U3	Texas Instruments	CD4040BE	Counter/Divider Single 12-Bit Binary UP 16-Pin PDIP Tube
2	R9, R11	Yageo	CFR-25JB-52-1K	RES 1K OHM 1/4W 5% AXIAL
9	R2, R3, R4, R5, R6, R7, R8, R10, R12	Yageo	CFR-25JB-52-10K	RES 10K OHM 1/4W 5% AXIAL
1	R1	Yageo	CFR-25JB-52-680K	Res 680K Ohm 1/4W 5% Axial
1	CP3	Panasonic	ECA1EHG101	Capacitor 100 uF 25 VDC, ECA1EHG101, Panasonic Automotive & Industrial Systems
2	CP2, CP4	Panasonic	ECA-1HHG471	Capacitor 470 uF 50 VDC, ECA1HHG471, Panasonic Automotive & Industrial Systems
1	CP5	Panasonic	ECA-1VHG471	ALUMINUM ELECTROLYTIC CAPACITOR, 470UF, 35V, 20%, RADIAL; Product Range:NHG Series; Capacitance:470 F; Capacitance Tolerance: 20%; Voltage Rating:35V; Diameter:10mm; Capacitor Terminals:Radial Leaded; Packaging:Each; ESR:- ;RoHS Compliant: Yes
1	U6	STMicroelectronics	L7805CV	STMICROELECTRONICS - L7806CV - LINEAR VOLTAGE REGULATOR 5V TO-220-3
1	CP1	RND Components	RND 150EHR100M16B	RND 150EHR100M16B - Kondensator, 10µF, 16V, 20%, RND Components
1	U4	Texas Instruments	SN74LS06N	IC INVERTER OPEN COL 6CH 14DIP
1	U5	Texas Instruments	SN74LS373N	Latch Transparent 3-ST 8-CH D-Type 20-Pin PDIP Tube