



RT DCC TD8 2 BOM

Item #	*Designator	*Qty	Manufacturer	*Mfg Part #	Description / Value	*Package/Footprint	Type	Your Instructions / Notes
1	1	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
2	2	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
3	3	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
4	4	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
5	5	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
6	6	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
7	7	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
8	8	1	Multicomp Pro	MP008514	Screw terminal 3pole 2.54mm	THT		
9	BR1	1	Multicomp Pro	2W10MG	Bridge rectifier 2A	WOB		
10	BR2	1	Multicomp Pro	2W10MG	Bridge rectifier 2A	WOB		
11	C1	1	Kyocera Avx	TAP105M035CCS	Tantalum capacitor 1µF 20V	100mil THT		
12	C2	1	Multicomp Pro	MCRH63V226M6.3X11	Electrolytic capacitor 22µF 63V	100mil THT		
13	C3	1	Kyocera Avx	TAP105M035CCS	Tantalum capacitor 1µF 20V	100mil THT		
14	C4	1	Multicomp Pro	MCBU5102K5	Ceramic capacitor 1000pF 50V	100mil THT		
15	C5	1	Rubycon	25PX10000MEFC18X35.5	Electrolytic capacitor 10000µF 25V	300mil THT		
16	D1	1	Multicomp Pro	1N4001	Rectifier diode	300mil THT		
17	D2	1	Multicomp Pro	1N4001	Rectifier diode	300mil THT		
18	IC2	1	Vishay	6N137	Opto isolator	Dil6		
19	J18	1	Multicomp Pro	MC24366	Screw terminal 2pole 5.08mm	5.08mm THT		
20	J21	1	Multicomp Pro	MC24366	Screw terminal 2pole 5.08mm	5.08mm THT		
21	J26	1	Harwin	M20-9990246	Male header 2pin 2.54mm	2.54mm THT		
22	Learn	1	Harwin	M20-9990246	Male header 2pin 2.54mm	2.54mm THT		
23	Led1	1	Broadcom	HLMP-KA45-E0000	Blue (505nm) LED	3mm THT		
24	Nano	2	Harwin	M20-7821546	Female header 15pin 2.54mm	2.54mm THT		
25	Q1	1	STMicroelectronics	TIP41C	NPN Power transistor	TO220 THT		
26	R1	1	Multicomp Pro	MCCFR0W4J0102A50	Resistor 1kΩ 1/4W	400mil THT		
27	R2	1	Multicomp Pro	MCCFR0W4J0103A50	Resistor 10kΩ 1/4W	400mil THT		
28	R3	1	Multicomp Pro	MCCFR0W4J0103A50	Resistor 10kΩ 1/4W	400mil THT		
29	R8	1	Multicomp Pro	MCF 0.25W 1K5	Resistor 1.5kΩ 1/4W	400mil THT		
30	R9	1	Multicomp Pro	MCF 0.25W 1K5	Resistor 1.5kΩ 1/4W	400mil THT		
31	R10	1	Multicomp Pro	MCF 0.25W 1K5	Resistor 1.5kΩ 1/4W	400mil THT		
32	R11	1	Multicomp Pro	MP006912	Resistor 2.2kΩ 1/4W	400mil THT		
33	R12	1	Multicomp Pro	MCCFR0W4J0103A50	Resistor 10kΩ 1/4W	400mil THT		
34	U1	1	STMicroelectronics	L7805CV	Voltage regulator 5V	TO220 THT		
35	ULN1	1	STMicroelectronics	ULN2803A	Darlington driver array	Dil18		
36	ULN2	1	STMicroelectronics	ULN2803A	Darlington driver array	DIL18		
37	ZD1	1	Onsemi	1N4749A	Zener diode 24V 1W	300mil THT		