



2X4016 COMPONENT LAYOUT

<u>ITEM NUMBER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
C10, C12, C13, C14, C17	53x32	Capacitor 10uf tantalum
C1	53x64	Capacitor 68uf electrolytic
C2, C3, C4, C5, C6, C7, C8, C19	53x77	Capacitor .1uf
C15, C16, C18, C20	53x39	Capacitor .68uf tantalum
R32	54x131-1502	Resistor 1/8 W 1X 15K
R3, R5, R6, R9, R24	54x159-102	Resistor 1/4 W 5X 1K
R33	54x159-103	Resistor 1/4 W 5X 10K
R21, R29	54x159-225	Resistor 1/4 W 5X 2.2M
R20	54x159-154	Resistor 1/4 W 5X 150K
R4	54x159-270	Resistor 1/4 W 5X 27 ohm
R7, R13	54x159-222	Resistor 1/4 W 5X 2.2K
R25, R26	54x159-274	Resistor 1/4 W 5X 270K
R18	54x159-683	Resistor 1/4 W 5X 68K
R2, R14, R16, R17, R23, R27, R28, R30, R31	54x159-473	Resistor 1/4 W 5X 47K
R19	54x161-470	Resistor 1/2 W 5X 47 ohm
D2, D4, D6, D9, D10, D11, D12, D13, D14, D16, D17, D18, D19, D20, D21, D22, D23, D25, D26	56x53	Diode, Signal 1N914
Q1, Q3, Q4, Q5	56x17	Transistor 2N4401
U1, U2	56x140	IC Opto Isolator 4N35
U4, U10	56x269	IC Dual Timer 4538
U6	56x73	IC Inverting Driver 4049
U9	56x110	IC Counter 4017
U3, U11	56x109	IC Counter 4093
D28	56x186	Zener Diode 1N5236B 7.5V
U7	56x121	IC 3 State R/S latch 4044
U8	56x122	IC 2 Input and gate 4081