

**DESA Specialty Products  
6023-TX Bill of Materials**

6/4/2003

RefDes	Value	Description	Voltage	Wattage
C1	100pF	SMD Capacitor		
C2	9.1pF	SMD Capacitor		
C3	Not Installed	SMD Capacitor		
C4	100nF	SMD Capacitor		
C5	2.2pF	SMD Capacitor		
C6	100pF	SMD Capacitor		
C7	1nF	SMD Capacitor		
C8	100nF	SMD Capacitor		
C9	100pF	SMD Capacitor		
C10	.1uF	High Voltage Capacitor	250V	
C11	.68uF	High Voltage Capacitor	250V	
C12	100nF	Ceramic Disc Capacitor		
C13	1000uF	Radial Polarized Capacitor	16V	
C14	470uF	Radial Polarized Capacitor	6.3V	
C15	100nF	Ceramic Disc Capacitor		
D1	1N4742	12 Volt Zener Diode		
D2	1N4003	Diode		
JP1	4-Position Switch	Dip Switch		
Q1	MMBTH10L	NPN Bipolar Transistor		
R1	470	Resistor		
R2	51K	Resistor		
R3	1Meg	Resistor		
R4	51K	Resistor		
R5	22	Resistor		
R6	0 Ohm	Resistor		
R7	0 Ohm	Resistor		
R8	100K	Resistor		
R9	100K	Resistor		
R10	100K	Resistor		
R11	100K	Resistor		
R12	100K	Resistor		
R13	100K	Resistor		
R14	56	Flame Proof Resistor		1 Watt
R15	470K	Resistor		1/4 WATT
R16	0 Ohm	Resistor		
R17	0 Ohm	Resistor		
R18	0 Ohm	Resistor		
R19	0 Ohm	Resistor		
S1	ON	Push Button, Normally Open		
S2	OFF	Push Button, Normally Open		
S3	STEP DIM,DIM+	Push Button, Normally Open		
S5	POWER	Switch, Single Pole, Double Throw		
U1	HT-12E	Encoder		
U2	74HC148	8-Line to 3-Line ENCODER		
U3	LM78L05	5 Volt Regulator		
X1	315Mhz	SAW Resonator		