

Switch 6 - RF Multiplexer Module	Bill Rawnsley, Shuyao Fang	7-Jul-03	
Silk Screen	Description	Source	Quantity
S1, S2, S3, S4, S5, Blank	M/A-Com SW221	Private Stock	6
S6	16 Pin DIP Switch	TRIUMF 3-7/01468	1
U1, U2	M/A-Com SWD119	Private Stock	2
U3	74LS244	TRIUMF 3-3/02222	1
U4	74LS05	Electro Sonic	1
SMA1, SMA2, SMA3, SMA4, SMA5, SMA6, Blank	SMA Right Angle PCB Jack	TRIUMF 3-4/01613	7
J1, J2	50 Double Row Pin Header (break twice at 20 mark)	TRIUMF 3-4/01178	1
J3	3M 3432-5002 - 40 Pin Right Angle Header	Electro Sonic, Newark	1
R1	Bourns 4310R-101-222 - 2.2k Ohms	TRIUMF 3-1/07009	1
R2, R3 (not on schematic)	1k Ohm 1/4 Watt film resistor	TRIUMF 3-1/01672	2
Blank, Blank, Blank, Blank, Blank, Blank	220 Ohms	Electro Sonic	6
D1, Blank, Blank, Blank, Blank, Blank	MV54123-ND Green LED	Digi-Key Corporation	6
T1	7908 TO-220 Neg 8V Regulator	Private Stock	1
T2	Motorola LM340T-5 Pos 5V Regulator	TRIUMF 3-3/03027	1
L1, L2	Ferrite Bead	TRIUMF 3-9/02201	2
C1, C3, C4, C5, C6, C7	Input - Not Used		0
C2, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18	0.1 uF 50 Volt surface mount		0
C19, C20, C21, C22, C24, C26, C29, C30, C31, C32	0.1 uF 50 V with 0.1 lead spacing	Private Stock	10
C23, C25, C27, C28, C33, C34	10 uF 16 V Tantalum	TRIUMF 3-2/04016	6
Blank, Blank	Littlefuse R451.500 1/2 Amp	Electro Sonic	2
LED1, LED2 (not on schematic)	Green LED	TRIUMF 3-3/04119	2
	Switch6 PCB	Private Stock	1
	14 Pin DIP Socket	TRIUMF 1-1/01010	1
	16 Pin DIP Socket	TRIUMF 1-1/01011	1
	20 Pin DIP Socket	TRIUMF 1-1/01013	1
	Single Width NIM Module	TRIUMF 1-5/01018	1
	42 Way NIM Pin Block	TRIUMF 3-4/01090	1
	Male Amp Pins	TRIUMF 3-4/01094	3
	Metal Hood	TRIUMF 3-4/01091	1
	Guide Pins	TRIUMF 3-4/01092	2

Silk Screen	Description	Source	Quantity
	Guide Sockets	TRIUMF 3-4/01093	2
	LED Mounting Kit	TRIUMF 1-1/01005	2
	Shunt, jumper	TRIUMF 3-4/01242	12