

# MK14 VDU BOM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1,2,3,4,5,6,7	Ceramic capacitor	47nF			7
C8	Ceramic capacitor	6n8			1
C9	Ceramic capacitor	220pF			1
C10	Ceramic capacitor	not fitted			
C11	Ceramic capacitor	82pF			1
D1	1N4148	Small signal silicon diode			1
IC1	74LS86	Quad 2-input EOR			1
IC2	74LS20	Dual 4-input NAND			1
IC3	74LS93	4-bit binary counter			1
IC4	74LS74	Dual JK flip flop			1
IC5	4011B	Quad 2-input NAND			1
IC6	4040B	12-stage binary counter			1
IC7,12	74LS04	Hex inverter			2
IC8	74LS157	Quad 2 to 1-line selector			1
IC9,10	74LS365	Hex tri-state buffer			2
IC11	74LS27	Triple 3-input NOR			1
IC13	4012B	Dual 4-input NAND			1
IC14	74LS00	Quad 2-input NAND			1
IC15	DM8678CAB	Character generator			1
IC16	74LS165	8-bit shift register			1
LK1,2,3,4,5,6,7,8,9	0.1"		select control signal backplane pins		9
LK10	0.1"	XOUT	select XOUT backplane pin		1
MOD1	UM1233	UHF modulator			1
PL1	DIN41612 AB 64-way	Right angle plug			1
Q1,2,3,4	BC239	NPN transistor			4
R1,16	470R	250mW resistor			2
R2,11,14,17	1K2	250mW resistor			4
R3,4	27K	250mW resistor			2
R5,7,10,12,13,15	4K7	250mW resistor			6
R6	not fitted	250mW resistor			1
R8	2K4	250mW resistor			1
R9	150R	250mW resistor			1
IC1-5,7,11-14	14-pin	DIL socket			10
IC6,8,10,15,16	16-pin	DIL socket			6