

# CUMEM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
BATTERY	2.4V	PCB mount NiMH battery		RS 525-849	1
C1	22uF	Electrolytic capacitor			1
C2-8,10	47n	Ceramic capacitor			8
C9	100n	Ceramic capacitor			1
D1	BZX84-4V3	Zener diode			1
D2	1N4148	Small signal diode			1
IC1	74LS156	Dual 1 of 4 decoder/demux			1
IC2,3	74LS244	8-bit tristate buffer			2
IC4	74LS139	Dual 2-4 bit decoder			1
IC5	4011B	Quad 2-input NAND			1
IC6	74LS00	Quad 2-input NAND			1
IC7	74LS245	8-bit bidirectional tristate buffer			1
IC8-15	various	EPROM/RAM as required			8
LK1,2	16-pin	DIL socket and header	Bank A/B configuration		2
LK3,4			pads for optional bank swap switch		2
LKA0-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKA1-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKA2-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKA3-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKB0-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKB1-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKB2-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
LKB3-20/22	0.1" Header x 2	Links for EPROM/RAM socket configuration			2
PL1	DIN41612 AB 64-way	Right angle plug			1
R1,2,9	4K7	250mW resistor			3
R3	1K8	250mW resistor			1
R4	120R	250mW resistor			1
R5,7	470R	250mW resistor			2
R6	1M0	250mW resistor			1
R8,10	100K	250mW resistor			2
SW1,2	8-way	DIL Switch	Bank selection switch		2
SW3	SPDT	Toggle switch PCB		RS 710-9703	1
TR1	2N2907	PNP transistor			1
TR2	BC184L	NPN transistor			1
TR3	VN10KM	N-Channel MOSFET			1
IC5,6	14-pin DIL socket				2
IC1,4	16-pin DIL socket				4
IC2,3,7	20-pin DIL socket				3
IC8-15	28-pin DIL socket				8

## Offboard Parts

	5HP 3U	Front panel with handle and fittings		Verotec 957-235349	1
		Panel brackets	or print your own	Verotec 173-12525	pair
	M2.5 x 10mm	Pan head screws			4
	M2.5	Nuts			4
	SPDT	Toggle switch PCB	Optional bank swap switch	RS 734-7198	1