

	Diode	16	DIODE	1N4148	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16		78-1N4148	0.03	0.48
		16	LED	TRI-COLOUR LED	D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32	common cathode, 3 pin tri-colour (red/green)	604-L59EGW	0.34	5.44
	Misc	1	CONN	IDC16 RA	J1	right angled	517-30316-5002	0.44	0.44
		16	KEYSWITCH		S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16		101-0621	0.3	4.80
		16	SWITCH CAPS	Red circular			101-0212	0.12	1.92
Keypad									
	Diode	9	DIODE	1N4148	D1, D2, D3, D4, D5, D6, D7, D8, D9		78-1N4148	0.03	0.27
	Misc	1	CONN	IDC16	J1		517-30316-6002	0.37	0.37
		9	KEYSWITCH		S1, S2, S3, S4, S5, S6, S7, S8, S9		101-0621	0.3	2.70
		9	SWITCH CAPS	Red circular			101-0212	0.12	1.08
Function									
	Diode	4	Red LED		D1,D3,D5,D7		604-L934IT	0.16	0.64
		4	Yellow LED		D2,D4,D6,D8		604-L934YT	0.18	0.72
		2	1N4148		D9,D10		78-1N4148	0.03	0.06
	Misc	2	KEYSWITCH		S1,S2	multimec tact switch	101-0621	0.3	0.60
		2	Switch cap - black		for S1,S2	10mm circular cap	101-0210	0.14	0.28
		1	CONN	IDC16	J1		517-30316-6002	0.37	0.37
		1	CONN	SIP2	J2		538-70543-0001	0.84	0.84
Pot Boards * all designations duplicated on upper and lower boards									
	Resistor	32	10k linear	16 mm pot	VR1, VR2, VR3, VR4, VR5, VR6, VR7, VR8, VR9, VR10, VR11, VR12, VR13, VR14, VR15, VR16		31CA401	0.87	27.84
	Capacitor	4	100n	RAD0.2	C1, C2	ceramic disc	75-1C20Z5U104M050R	0.11	0.44
	IC	4	4051B	DIP16	U1, U2		595-CD4051BE	0.4	1.60
	Misc	2	CONN	IDC16 RA	J1	right angled	517-30316-5002	0.44	0.88
		16	gray knob				550-67003	0.45	7.20
		16	white knob				550-67005	0.45	7.20
Other									
		3	5 PIN DIN Socket			chassis or PCB mounting	164-7150	1.47	4.41
		1	CONN	IDC16	J1	for DIN board if PCB sockets	517-30316-6002	0.37	0.37

		1	LCD Module		POWERTIP PC1602F	16 x 2 char, HD44780 module - Also Maplin code VX24B		0	0.00
		OR 1	PLED Module		DELTA OPTO PDC1602M crystalfontz.com (price includes shipping)	Needs extra de-coupling	CFAP1602A-Y-JCV	30.02	30.02
		1	Power switch				103-R13-112A-02	0.99	0.99
		1	Power socket				163-4303	1.38	1.38
		10	IDC16 Plug				517-8916	0.64	6.40
		1	2 PIN SIP Header			F/B Aux Connector	538-50-57-9402	0.47	0.47
		3	3 PIN SIP Header			Power, Tempo & Data pot	538-50-57-9403	0.6	1.80
		1	4 PIN SIP Header			M/B Aux connector	538-50-57-9404	0.5	0.50
		20	SIP Crimp terminal				538-16-02-0097	0.12	2.40
		2	10k linear pot	panel mount	VR-Tempo,VR-Data	Tempo & Data pots	31CN401	1.02	2.04
		2	white knob			Tempo knob	550-67005	0.45	0.90
		5	16W Ribbon cable			price per foot	517-3365/16FT	1.11	5.55
		2	8 Pin DIP Socket				575-199308	0.19	0.38
		7	16 Pin DIP Socket				575-199316	0.38	2.66
		9	20 Pin DIP Socket				575-199320	0.48	4.32
		2	28 Pin DIP Socket	width: .6 in			575-199628	0.67	1.34
		1	40 Pin DIP Socket	width: .6 in			575-199640	0.96	0.96
								TOTAL	182.35

140-50N5-330J	2							
140-L16V10	3							
140-50S5-151J	1							
140-PF2A103G	1							
75-1C20Z5U104M050R	7							
140-XRL16V1000	1							
271-220	10							
271-1K	10							
271-1.5K	10							
271-150	10							
271-100	10							
271-4.7K	10							
271-10K	10							
271-10	10							
271-22K	10							
271-22	10							
531-PT10V-10K	1							
1N5232B	1							
78-1N4148	4							
625-1N4001	1							
512-MM74HC573N	1							
512-MM74HC138N	2							
512-MM74HC574N	4							
595-SN74HC245N	1							
511-M74HC241	2							
620-ADC804LCN	1							
595-CD4051BE	1							
512-6N139	1							
511-L7805CV	1							
512-BC547BTFR	2							
504-MCR-1/2	1							
538-70543-0002	3							
538-70543-0003	1							
517-30316-6002	4							
520-HCU1800-S	1							
525-E-CR2032BP	1							
122-2520	1							
532-574102B00	1							
78-1N4148	16							
604-L59EGW	16							
517-30316-5002	1							
101-0621	16							
101-0212	16							
78-1N4148	9							
517-30316-6002	1							
101-0621	9							
101-0212	9							

