

Sample & Hold and Slew Generator**8th December 2003**

Value	Location	Part Number	Description	Supplier
100k	R1,3,26,29,25,31,30	62-0964	MR25 0.25W 1%	Rapid
100R	R4,8,27	62-0762	"	"
10k	R5,6,18,14,19,28	62-0897	"	"
10R	R24	62-0712	"	"
1k	R7,13,32	62-0824	"	"
1k8	R2	62-0842	"	"
22k	R23,33	62-0922	"	"
22R	R10,22	62-0724	"	"
2k2	R21,12	62-0847	"	"
330R	R17	62-0792	"	"
470k	R16,15	62-0997	"	"
75R	R20,11,9	62-0752	"	"
1u	C2,3,25,28	10-3232	Polyester DMP5	Rapid
100n	C10,17,8,7,9,11,6	10-3220	"	"
100p	C5	08-0505	Low K Ceramic	"
10n	C12	10-3210	Polyester DMP5	"
220p	C16	08-0525	Low K Ceramic	"
22u	C14,19,18,3,15	11-0230	25V Radial Electrolytic	"
33p	C13,4	08-0475	Low K Ceramic	"
4n7	C1	10-3208	Polyester DMP5	"
1N4148	D1,2,3	47-3308	Signal Diode	Rapid
4093B	U5	83-0420	Quad 2 Input Nand	"
BC549B	Q1,2,3	81-0068	NPN GP Transistor	"
LF398N	U2	402-102	Sample & Hold	Farnell
TL072	U1,3,4	82-0050	Dual Low Noise Opamp	Rapid
LED	1 off	55-0125	5mm Yellow LED	"
LED	1 off	55-0172	5mm Bi-Colour Red/Green LED	"
22kA	RESTRICT		Omeg Pot Linear	Oakley
40kB	SLEW		Omeg Pot Log	"
Pot Brackets	2 off		"	"
Ferrite	L1,2	26-4860	Leaded Ferrite Bead	Rapid
LED LENS	2 off	55-1030	5mm Clear LED Lens	"
Switch	1 off	75-0130	SPDT Toggle Switch	"
4 Way Header	1 off	22-2600	0.156" Straight Pin Header	"
8 pin	4 off	22-0400	Low Pro Turned Pin IC Socket	"
14 Pin	1 off	22-0405	"	"
Jack Socket	6 off	20-1430	Switchcraft 112APC	"
Knobs	2 off	32-0510	Sifam Soft touch collet 21mm	"
Caps	2 off	225-984	21mm C211 Lined Black	RS
Wire	Interconnect	01-0105	20m Stranded Pack	Rapid
Front Panel		sample.fpd		Schaeffer