

GMSN! Pure LFO BoM 20161102

Qty	RefDes	Description	Value	Manufacturer	Manufacturer P/N	RS P/N	Mouser P/N	Package	Other Vendor	Other P/N	Cost	Total Cost
2	D1, D2	Diode	STTH102A	Generic		485-8465	511-STTH102A	SMADIODE			0.18	0.36
1	R1	Resistor, 1%	100R	Generic		901-3689	603-RC0805FR-07100RL	R0805			0.014	0.014
6	R9, R10, R12, R14, R15, R17	Resistor, 1%	10K	Generic		901-3692	603-RC0805FR-0710KL	R0805			0.014	0.084
1	R4	Resistor, 1%	12K	Generic		679-0866	603-RC0805FR-0712KL	R0805			0.007	0.007
1	R6	Resistor, 1%	1K3	Generic		679-0992	603-RC0805FR-071K3L	R0805			0.012	0.012
1	R19	Resistor, 1%	20K	Generic		810-1748	603-RC0805FR-0720KL	R0805			0.024	0.024
2	R8, R13	Resistor, 1%	2K	Generic		901-3686	603-RC0805FR-072KL	R0805			0.014	0.028
1	R5	Resistor, 1%	33K	Generic		679-1288	603-RC0805FR-0733KL	R0805			0.009	0.009
2	R3, R7	Resistor, 1%	3K3	Generic		679-1351	603-RC0805FR-073K3L	R0805			0.007	0.014
1	R2	Resistor, 1%	3M3	Generic		679-1383	603-RC0805FR-073M3L	R0805			0.016	0.016
1	R11	Resistor, 1%	402R	Generic		679-1392	603-RC0805FR-07402RL	R0805			0.008	0.008
1	R18	Resistor, 1%	56K	Generic		679-1550	603-RC0805FR-0756KL	R0805			0.009	0.009
4	C4, C5, C7, C8	Multilayer Ceramic Capacitor	0.1u	Generic		669-8877	80-C0805C104M5R	C0805K			0.007	0.028
1	C6	Multilayer Ceramic Capacitor	100p	Generic		461-3997	80-C0805C101J5G	C0805K			0.006	0.006
1	C1	Multilayer Ceramic Capacitor	4n7F or 5n1F	Generic		820-2825	80-C0805C472K5R	C0805K			0.05	0.05
2	C2, C3	Electrolytic Capacitor	10u	Generic		737-9704	80-EDK106M050A9GAA	153CLV-0505			0.027	0.054
1	T3	Transistor Pair	DMMT3904W-7-F	Diodes Inc	DMMT3904W-7-F	751-4127	621-DMMT3904W-F	SOT-363			0.175	0.175
1	U1	TL072	DUAL_OPAMP	Texas Instruments	TL072ACDR	661-0054	595-TL072ACDR	DUAL_OPAMP			0.472	0.472
1	U2	TL074	QUAD_OPAMP	Texas Instruments	TL074IDR	661-0076	595-TL074IDR	QUAD_OPAMP			0.112	0.112
1	JP1	2x5 Shrouded Header		Generic			710-61201021621		Rapid	19-0035	0.17	0.17
1	Panel	Panel		GMSN!	m-p-lfo-v2-panel						2	2
1	RATE	Alpha Vertical Potentiometer	A100K	Alpha				Q-POT	Thonk		1.42	1.42
3	SINE_OUT, SQU_OUT, TRI_OUT	3.5mm Jack Mono	Thonkiconn - PJ301M-12	Thonk	PJ301M-12				Thonk		0.39	1.17
1	RATESW	Toggle Switch	ON_ON	Generic			691-2M1-SP1-T1B1M2QE	ON_ON	TME	1MS1T1B1M1QE	0.84	0.84
2	TR1, TR2	25 Turn Trimpot ***	100K	Generic		521-9653	652-3296W-1-104LF	TRIM_3269W			£1.65	3.3
1	RATE	Davis 1900h Clone	Black	Davis					Thonk		0.7	0.7
3	L1, L2, L3	DNP	DNP	DNP	DNP			DNP				0
4	R16, R20, R21, R22	DNP	DNP	DNP	DNP			DNP				0
1		Power Cable	10Pin - 16Pin	Generic	acc-cable-pwr-10-16						0.5	0.5
2		Machine Screw	M3 6mm	Generic	acc-screw-m3-6mm						0.02	0.04
Total												£9.97

*** The trimmer is a through hole component, however the PCB might have pads for an SMD part. Just bend and snip the legs over.