

GMSN! Pure VCO v3 BoM

Qty	Parts	Description	Value	Package
2	D3, D4	Diode	1N914	SOD-323F
2	D1, D2	Diode	STTH102A	SMADIODE
1	R47	Resistor	0R	R0805
10	R3, R16, R30, R45, R48, R49, R50, R51, R52, R53	Resistor	100k	R0805
9	R14, R20, R23, R28, R38, R40, R41, R43, R44	Resistor	10k	R0805
1	R9	Resistor	120k	R0805
1	R1	Resistor	150k	R0805
2	R26, R32	Resistor	19k1	R0805
2	R33, R35	Resistor	1k3	R0805
2	R21, R22	Resistor	1k5	R0805
2	R24, R25	Resistor	22k	R0805
1	R31	Resistor	27k	R0805
2	R4, R19	Resistor	2M	R0805
1	R2	Resistor	2M2	R0805
5	R27, R29, R34, R37, R42	Resistor	2k	R0805
1	R18	Resistor	2k2	R0805
1	R6	Resistor	390R	R0805
2	R10, R17	Resistor	39k	R0805
2	R8, R36	Resistor	3k3	R0805
1	R39	Resistor	402R	R0805
1	R46	Resistor	50k	R0805
1	R5	Resistor	560k	R0805
1	R15	Resistor	56k	R0805
1	R13	Resistor	5k6	R0805
1	R11	Resistor	680R	R0805
1	R7	Resistor	87k	R0805
1	R12	Resistor	9k1	R0805
14	C1, C2, C5, C6, C9, C10, C11, C12, C15, C16, C18, C19, C20, C21	Capacitor	100nF	C0805
3	C3, C4, C17	Capacitor	100pF	C0805
1	C13	Capacitor	10nF	C0805
1	C14	Capacitor	1nF	C0805
1	C8	Capacitor	22pF	C0805
1	T1	N Channel JFET	MMBFJ309	N_CHN
2	TP1, TP2	NPN Transistor Matched Pair	DMMT3904W-7-F	TRANS_PAIR
7	IC1, IC2, IC3, IC4, IC5, IC6, IC7	OP AMP	TL072	SO08
1	TC1	Resistor	2k	0204/7
1	IC8	Shunt Voltage Reference	LM4040A50IDBZT	SOT95P237X112-3N
2	CP1, CP2	Electro Capacitor	10uF	153CLV-0505
1	JP1	Header 5x2	HEADER2X5SHD	2X5-SHROUDED
1	C7	Poly Film Capacitor	2.2nF	POLY_CAP
1	TR1	Potentiometer	100R	TRIMMER_TH
4	TR2, TR3, TR4, TR5	Potentiometer	100k	TRIMMER_TH
9	1V/OCT, LIN, MIX, PULSE, PWM_IN, SAW, SINE, SYNC, TRI	3.5 mm Jack Socket	PJ301M-12	PJ301M-12
9	COARSE, FINE, FM_LEVEL, PULSE_MIX, PULSE_WIDTH, PWM_LEVEL, SAW_MIX, SINE_MIX, TRI_MIX	Potentiometer	B100k	POTENTIOMETER_9MM