

# 4027-1 VCO - BOM

PART	Value	Qty.	Schematic Name
caps-ceramic	0.1uf	10	C6,C7,C8,C9,C10,C11,C12,C13,C20,C21
caps-ceramic	4.7pf	1	C1
caps-ceramic	22pf	1	C19
caps-ceramic	470pf	2	C17,C18
caps-ceramic	100pf	1	C5
Cap Film	10n	2	C3,C4
Silvered mica capacitors	680pf	1	C2
electro-pol	10uf	2	C14,C15
Caps Film	15n	1	C16
Pots 16mm	100k	5	Coarse,Fine,PWM,FM1,FM2
Dual OP-AMP	TL072	4	IC1,IC2,IC3,IC5
Single OP-AMP	TL071	1	IC4
NPN Transistor	2n3904	9	Q1,Q5,Q6,Q8,Q9,Q10,Q11,Q12,Q13
PNP Transistor	2n3906	2	Q2,Q7
N Channel JFET	2n5457	2	Q3,Q4
Diode	1N4148	1	D1
TRIMM3296W	100K	3	R62, R56, 1V-OCT-TRIM
TRIMM3296W	500k	2	R79,R76
TRIMM3296W	1K	1	R35,
TRIMM3296W	10k	2	R44,R6
Resistors-0.25W	10R	2	R75,R74
Resistors-0.25W	220R	1	R13
Resistors-0.25W	390R	1	R9
Resistors-0.25W	1K	8	R23,R14,R33,R48,R66,R72,R73,R78
Resistors-0.25W	1.37k	1	R26
Resistors-0.25W	1.5k	1	R19
Resistors-0.25W	1.6k	1	R21
Resistors-0.25W	1.8k	1	R55

Resistors-0.25W	2.2k	3	R63,R61,R49
Resistors-0.25W	3k	1	R54
Resistors-0.25W	3.9k	1	R24
Resistors-0.25W	9.1k	2	R22,R36
Resistors-0.25W	10k	3	R60,R59,R45
Resistors-0.25W	12k	7	R18,R30,R34,R39,R40,R64,R65
Resistors-0.25W	15k	2	R37,R38
Resistors-0.25W	18k	1	R58
Resistors-0.25W	22k	1	R46
Resistors-0.25W	30k	1	R25
Resistors-0.25W	33k	1	R27
Resistors-0.25W	39k	1	R32
Resistors-0.25W	43k	1	R29
Resistors-0.25W	47k	1	R57
Resistors-0.25W	62k	3	R17,R20,R31
Resistors-0.25W	82k	1	R77
Resistors-0.25W	91k	1	R3
Resistors-0.25W	100k	12	R4,R5,R12,R16,R41,R42,R47,R52,R67,R68, R70,R71
Resistors-0.25W	121k	1	R8
Resistors-0.25W	150k	2	R51,R10
Resistors-0.25W	200k	2	R1,R2
Resistors-0.25W	300k	2	R69,R43
Resistors-0.25W	475k	1	R7
Resistors-0.25W	560k	1	R53
Resistors-0.25W	910k	1	R28
Resistors-0.25W	2.2M	1	R50
Resistors-0.25W	3.3M	1	R11
1.56 Molex Header	4 Pin	1	
0.1 Molex Header	2 pin	10	
0.1 Molex Header	3 pin	4	
ST3P Switch		1	