

292c Resonant Lopass Gate Parts List

Revision 1.7 as released by djthomaswhite (www.naturalrhythmmusic.com/diy.html)

Resistors (1% Metal Film)			Mouser Part #	QTY
22R*	R1, R2 (Option: Can use Ferrite Beads instead)		271-22-RC	2
470R	R6		271-470-RC	1
1K	R15, R26, R32		271-1K-RC	3
10K	R8, R14, R16		271-10K-RC	3
15K	R11, R12		271-15K-RC	2
33K	R7		271-33K-RC	1
47K*	R19 (Optional, for use with Deep Switch Mod)		271-47K-RC	1
50K"	R18 (Optional, for use with Resonance Mod)		271-49.9K-RC	1
100K	R5, R9, R10, R17, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31		271-100K-RC	16
150K	R3		271-150K-RC	1
470K	R4		271-470K-RC	1
4.7M (5% Carbon OK)	R13		291-4.7M-RC	1
Capacitors				
33pF	C10		581-SR151A330JAR	1
220pF	C7		581-SR211A221JAR	1
1n	C9		505-FKS21000/100/10	1
2n	C5		539-168222K100A-F	1
4.7n	C8		505-MKP24700/630/5	1
100n	C1, C2		581-BQ074G0104J	2
1uF	C6		581-BQ074D0105J	1
10uF	C4		581-BQ054E0105J	1
10uF Electro	C3, C4		140-XRL50V10-RC	2
Miscellaneous				
VTL5C3 Vactrol (Fast) or VTL5C4 Vactrol (Slow)	V1, V2 (User Choice, or mod it!)	Allied Elec	Allied #980-0710	2
Zener 3.9V (0.5W)	D1		Allied #980-0716	
20K Vertical Trimpot	TP1		512-BZX85C3V9	1
10K Linear Pot	P1 - Offset		652-3299W-1-203LF	1
50K Linear Pot	P2 - Resonance		313-1510F-10K	1
4P/3Pos Rotary Switch or 3PDT Toggle Switch	Mode		313-1510F-50K	1
SPST Switch*	Deep Switch (Optional)		105-SR2611F-43-21RS	1
Inputs, Outputs, CV In	Jacks, User Choice		108-0006-EVX	1
MTA-156 or MTA-100	Power Connector (MTA-156 Part # Shown)		108-1MS1T6B1M1QE-EVX	1
100K Linear Pots*	If using level control on inputs (Optional)	Spectrol	502-112AX	4
		Alpha	571-6404454	1
Machined 14-Pin IC Sockets	For U1 and U2		594-248-7104	4
Resistor Clippings	Jumpers		313-1500F-100K	
			535-14-3518-10	2
			n/a	
Intergrated Circuits				
TL084 Quad Op Amp	U1		595-TL084ACN	1
TL074 Quad Op Amp	U2		595-TL074ACN	1