

# Modular PT2399 Delay (16mm pot)

Updated: 09-11-2013

QTY	Part	Reference	Mouser Part #
2	10Ω Resistor	R22, R23	291-10-RC
2	1kΩ Resistor	R1, R17	291-1K-RC
1	4.7kΩ Resistor	R8	291-4.7K-RC
1	5.6kΩ Resistor	R9	291-5.6K-RC
4	10kΩ Resistor	R3, R4, R6, R7	291-10K-RC
2	15kΩ Resistor	R5, R12	291-15K-RC
1	18kΩ Resistor	R11	291-18K-RC
5	100kΩ Resistor	R13, R16, R18, R19, R20	291-100K-RC
2	560pF Ceramic Capacitor	C8, C11	810-FK28C0G2A561J
1	3.3nF Ceramic Capacitor	C10	80-C317C332M1U5CA
1	3.9nF Ceramic Capacitor	C16	810-FK28C0G1H392J
1	10nF Ceramic Capacitor	C13	140-100Z5-103Z-RC
2	82nF Ceramic Capacitor	C6, C7	667-ECQ-E2823KB
4	100nF Ceramic Capacitor	C1, C4, C5, C19	80-C322C104K5R
2	4.7μF Electrolytic Capacitor	C15, C17	667-EEU-HD1H4R7
3	10μF Electrolytic Capacitor	C12, C14, C18	871-B41002A4106M000
1	47μF Electrolytic Capacitor	C3	667-ECE-A1CKS470
3	100μF Electrolytic Capacitor	C2, C20, C21	871-B41828A5107M000
3	1N400X Diode	D1, D2, D3	863-1N4002G
1	LM7805 Voltage Reg	U2	512-LM78L05ACZ
1	8-Pin Socket	IC1	649-DILB8P-223TLF
1	16-Pin Socket	U1	649-DILB16P-223TLF
1	TL072P OpAmp IC	IC1	595-TL072IPE4
1	PT2399 IC	U1	Various Suppliers
1	20KΩ B Potentiometer	LENGH	858-P160KN-0QC15B20K
2	50KΩ B Potentiometer	MIX, R15	858-P160KN-0QC15B50K

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<b>2</b>	<b>Audio Jacks</b>	<b>IN, OUT</b>	<b>Various Suppliers</b>
<b>1</b>	<b>16-Pin Shrouded Header *</b>	<b>J1</b>	<b>517-30316-6002</b>
<b>1</b>	<b>4 Pin Molex **</b>	<b>X1</b>	<b>538-26-19-2041</b>
<b>1</b>	<b>Rack Dev Delay PCB</b>		<b>Synthrotek</b>

\* 16-Pin Header for the EuroRack version, 16-Pin header not needed for the FracRack version.

\*\* 4-Pin Molex for the FracRack version, 4-Pin Molex not needed for the EuroRack version.