

PT2399 Dev Delay BOM Updated: 12/23/2014

Resistors:

QTY	Value	Ref.	Mouser Part #	!
2	1k Ω	R1, LED (+) – SPST (toggle) center	291-1K-RC	!
1	4.7k	R8	291-4.7K-RC	!
1	Ω 5.6k Ω	R9	291-5.6K-RC	!
4	10k Ω	R3, R4, R6, R7	291-10K-RC	!
2	15k Ω	R5, R12	291-15K-RC	!
1	18k Ω	R11	291-18K-RC	!
1	100k Ω	R13	291-100K-RC	!
1	200k Ω	SPST (momentary) – C3 (-)	291-200K-RC	!

TOTAL: 13

Diodes:

QTY	Part	Ref.	Mouser Part #	!
1	5mm Red LED	SPST (toggle) center – P (D/C Jack)	604-WP7113ID	!

TOTAL: 1

Capacitors:

QTY	Value	Ref.	Mouser Part #	!
2	560pF Ceramic	C8, C11	810-FK28C0G2A561J	!
1	3.3nF Ceramic	C10	810-FK24C0G2A332J	!
1	3.9nF Ceramic	C16	810-FK28C0G1H392J	!
1	10nF Ceramic	C12	140-100Z5-103Z-RC	!
5	100nF Ceramic	C1, C4, C5, C6, C7	80-C322C104K5R	!
2	4.7 μ F	C15, C17	667-EEU-HD1H4R7	!
2	Electrolytic 10 μ F Electrolytic	C13, C14	871-B41827A9106M000	!
2	47 μ F	C3, C9	667-ECE-A1CKS470	!
1	Electrolytic 100 μ F Electrolytic	C2	140-RGA101M1EBK0611G	!

TOTAL: 17

Voltage Regulators:

QTY	Part	Ref.	Mouser Part #	!
1	LM78L05	U2	512-LM78L05A CZ	!

TOTAL: 1

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	!
1	16-Pin Socket	U1	649-DILB16P-223TLF	!
1	PT2399 Delay	U1	Various Suppliers	!

TOTAL: 2

Potentiometers:

QTY	Value	Ref.	Mouser Part #	!
1	20k Ω Linear	R2	858-P160KN-0QC15B20K	!
2	50k Ω Linear	R10, R11 (via closest to board edge) – R10 (2)	858-P160KN-0QC15B50K	!

TOTAL: 3

Switches:

QTY	Part	Ref.	Mouser Part #	!
1	SPST	See Instructions	Various Suppliers	!
2	SPST Momentary Push Button	See Instructions	Various Suppliers	!

TOTAL: 3

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	!
2	3.5mm Mono Jack	In, Out	16PJ138	!
1 1	DC Jack 9V Battery Clip	Vcc Vcc	Various Suppliers 12BC312-GR	! !

TOTAL: 4

Other:

QTY 1	Part 7ft. Wire	Ref . Wire	Mouser Part # Various Suppliers	!
3	White Knobs		Various Suppliers	!
1	PCB	PCB	Synthrotek	!

TOTAL: 5

