

Bill Of Materials for Greaseweazle v4 - QFP48

Design Title	Greaseweazle v4 - QFP48
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Document Number	01
Revision	1.0
Design Created	10 February 2020
Design Last Modified	28 April 2021
Total Parts In Design	39

13 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
6	C1, C4-C6, C8-C9	100n	0805_CAP
2	C2-C3	20pF	0805_CAP
2	C7, C12	1.0u	0805_CAP
3	C10-C11, C13	10u	0805_CAP

Sub-totals:

14 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
5	R1, R7, R12-R14	1.0K	0805
3	R2-R4	CAY16-103J4LF	CAY16-103J4LF
3	R5-R6, R11	3k	0805
2	R8-R9	22	0805
1	R10	4K7	0805

Sub-totals:

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	U1	100n	QFP50P900X900X160-48N
2	U2-U3	7407	SO14
1	U4	LD1117S33	SOT230P700X180-4

Sub-totals:

8 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	ACT, PWR	DIODE-LED	0603
1	CX	100n	0805_CAP
1	FLOPPY	10056845-134LF	CON34_2X17_R2_FCI
1	J1	CONN 2X6_12	CON12_2X6_US
1	POWER	CONN-H4	CONN-SIL4
1	USB	61729-0010BLF	61729-0010BLF
1	X1	AS-8	AS8000MAHKB

Sub-totals:

Totals:

28 April 2021 18:20:10