

Bill Of Materials for Greaseweazle v4 Slim

Design Title Greaseweazle v4 Slim
Author George Rudolf Mezzomo
Document Number 01
Revision 1.0
Design Created 10 February 2020
Design Last Modified 28 July 2021
Total Parts In Design 25

11 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
6	C1,C5-C6,C8-C10	100n	CAPC1608X87_MOD
3	C2-C3,C7	1.0u	CAPC2012X100_MOD
2	C4,C11	10u	CAPC2012X100_MOD

Sub-totals:

5 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	R1-R2	22	0805
2	R3-R4	CAY16334J4LF	CAY16334J4LF
1	R10	4K7	0805

Sub-totals:

2 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	U1	AT32F415	QFP50P900X900X160-48N
1	U2	AP2112K-3	SOT95P282X130-5N

Sub-totals:

7 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	26P FFC	FFC, similar to 52271-2669	CON26_1X26_DRB_52271
1	ACT	DIODE-LED	0603
1	CX	100n	CAPC1608X87_MOD
1	DEBUG	CONN-SIL7	CONN-SIL7
1	RST	CONN-SIL6	CONN-SIL6
1	USB	USB, TYPE B, PTH	61729-0010BLF
1	XO1	ECS-3225MV-160-BN-TR	ECS3225MV160BNTR

Sub-totals:

Totals:

28 July 2021 03:57:30