

Bill Of Materials for Greaseweazle F7 Lightning

Design Title Greaseweazle F7 Lightning
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Document Number 01
Revision 1.1
Design Created terça-feira, 19 de novembro de 2019
Design Last Modified sábado, 23 de maio de 2020
Total Parts In Design 55

30 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
3	C1,C4,C12	10u	CAPC2012X100_MOD
4	C2-C3,C14,C25	1.0u	CAPC2012X100_MOD
18	C5-C6,C8,C10,C13,C15-C24,C26-C28	100n	CAPC1608X87_MOD
3	C7,C9,C11	2.2u	CAPC2012X100_MOD
2	C29-C30	27pF	CAPC1608X87_MOD

Sub-totals:

11 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	R1-R2	470	0603
1	R3	3.00K	0603
5	R4,R8-R11	1.0K	0603
3	R5-R7	CAY16-103J4LF	CAY16-103J4LF

Sub-totals:

5 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	U1	STM32F730Z8T6	QFP50P2200X2200X160-144N
1	U2	USBLC6-2SC6	SOT95P280X145-6N
2	U3-U4	7407	SO14
1	U5	AP2112K-3	SOT95P282X130-5N

Sub-totals:

9 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	ACT,PWR	DIODE-LED	0603
1	DEBUG	CONN-SIL7	CONN-SIL7
1	FLOPPY	10056845-134LF	CON34_2X17_R2_FCI
1	POWER	CONN-H4	CONN-SIL4
2	RESET,WRITE INHIBIT	CONN-SIL2	CONN-SIL2
1	USB	61729-0010BLF	617290010BLF
1	X1	ABLS-16	ABLS

Sub-totals:

Totals:

terça-feira, 26 de maio de 2020 05:33:31