

# Bill Of Materials for Greaseweazle F7 Thunderbolt

**Design Title** Greaseweazle F7 Thunderbolt  
**Author** George Rudolf Mezzomo  
**Document Number** 01  
**Revision** 1.0  
**Design Created** 10 February 2020  
**Design Last Modified** 25 March 2021  
**Total Parts In Design** 41

## 16 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>
8	C1-C2,C4-C7,C9-C10	100n
1	C3	4.7u
2	C8,C15	1.0u
2	C11-C12	30pF
3	C13-C14,C16	10u

## 12 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>
5	R1,R7,R10-R12	1.0K
3	R2,R5-R6	CAY16-103J4LF
3	R3,R8-R9	3k
1	R4	4K7

## 4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>
1	U1	STM32F730R8T6
2	U2-U3	7407
1	U4	LD1117S33

## 9 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>
2	ACT,PWR	DIODE-LED
1	DEBUG	CONN-SIL7
1	FLOPPY	10056845-134LF
1	POWER	CONN-H4
2	RESET,WRITE INHIBIT	CONN-SIL2
1	USB	61729-0010BLF
1	X1	X50328MSB2GI

Sub-totals:

Totals:

25 March 2021 11:32:40