


Bill Of Materials

Line #	Designator	Manufacturer Part Number	Quantity	Manufacturer
1	C1	06036D475KAT2A	1	
2	C2	C0402C479C5GACTU	1	Kemet
3	C3, C4	GRM188R61H225KE11D	2	
4	C5	C0603C104M5RACTU	1	KEMET
5	C6	GMK316BJ105KLHT	1	
6	C7, C8	GRM188R60J106ME47D	2	
7	C12, C14, C18, C21	C1608X5R1H105K080AB	4	TDK
8	C13, C15, C19, C22	CC0603KRX7R9BB104	4	YAGEO
9	C17	CL05B103KB5NNNC	1	
10	D1	ZHCS400QTA	1	Diodes
11	FB1	BLM18PG300SH1D	1	
12	J1	LSHM-120-02.5-L-DV-A-N-K-TR	1	Samtec
13	J2	DF52-16S-0.8H(21)	1	
14	L1	B82422A1103K100	1	EPCOS-(TDK)
15	L2	NR3012T4R7M	1	
16	R1, R4, R6, R8	CSR0402FK1R00	4	
17	R2, R3, R19	ERJ-2GEJ101X	3	Panasonic
18	R5	RC0402FR-072ML	1	Yageo / Phycomp
19	R7	ERJ-2RKF1783X	1	Panasonic
20	R10, R11, R12, R13, R14, R15, R16, R17, R18, R21	RC0402JR-070RL	10	Yageo / Phycomp
21	U1	LT1945IMS#PBF	1	Linear Technology
22	U2	TPS61222DCKR	1	Texas Instruments
23	U3, U6	MCP1416T-E/OT	2	
24	U4	HV2707T-C/R8X	1	Microchip
25	U5	MD0101K6-G	1	



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

WULPUS High-voltage MUX PCB

Drawing number: *

Rev: 1.1

Date: 27.11.2023 23:01

Format: A4 Q

Laboratory: ETHZ D-ITET IIS

Drawn by: Sebastian Frey

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