

Bill Of Mat Page1

Item	Quantity	Reference	Part	Manufacturer	Man. Part Number	Footprint	Description
1	16	C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16	0.220uF	Murata	GRM033R60G224ME15D	cc0201	CAP CER 0.22UF 4V X5R 0201
2	3	C17,C24,C25	10uF	Murata	GRM21BR60J106ME19L	805	CAP CER 10UF 6.3V X5R 0805
3	3	C18,C19,C20	1uF	Murata	GRM155R60J105ME19D	cc0402	CAP CER 1UF 6.3V X5R 0402
4	3	C21,C22,C23	0.1uF	Murata	GRM155R61A104KA01D	cc0402	CAP CER 0.1UF 10V X5R 0402
5	1	C26	22uF	Murata	GRM21BR60J226ME39L	805	CAP CER 22UF 6.3V X5R 0805
6	1	D1	SCHOTTKY	NXP	PMEG3050EP_115	diode_smb	DIODE SCHOTTKY 30V 5A SOD128
7	1	D2	Green	Lumex	LTST-C170KGKT	805	LED GREEN CLEAR 0805 SMD
8	8	JMP2-1,JMP3-1,JMP4-1,JMP5-1,JMP6-1,JMP7-1,JMP8-1,JMP9-1	JMP1x3	Würth Electronics Inc.	61300311121	berg1x3	3 Positions Header Connector 0.100" (2.54mm) Through Hole Gold
9	8	JMP2-2,JMP3-2,JMP4-2,JMP5-2,JMP6-2,JMP7-2,JMP8-2,JMP9-2	JMP1x1	TE Connectivity AMP Connectors	87224-1	berg1x1	1 Positions Header Connector Through Hole Gold
10	3	J1,J2,J3	CON02	FCI	68001-402HLF	HDR_THVT_1x2_100_M	2 Positions Header Connector 0.100" (2.54mm) Through Hole Tin
11	1	J4	CON02	FCI	68001-402HLF	berg1x2	2 Positions Header Connector 0.100" (2.54mm) Through Hole Tin
12	1	J5	DC_PWR_JACK	CUI Inc.	PJ-202AH	pj-202ah	CONN PWR JACK 2X5.5MM KINKED PIN
13	1	L1	1uH	Taiyo Yuden	NR3015T1R0N	IND_NR3015	FIXED IND 1UH 2.1A 36 MOHM SMD
14	1	P1	Würth 632712000021	Würth	632712000021	USB-C_SMRT_632_712_000_021	CONN PLUG USB TYPE C SMD
15	1	P2	JAE DX07S024JJ2	JAE	DX07S024JJ2	USB-C_SMRT_DX07S024JJ2	CONN RCPT USB3.1 TYPEC SMD R/A
16	2	R1,R2	* 0 Ohm	Panasonic Electronic Components	ERJ-2GE0R00X	r0402	RES SMD 0.0OHM JUMPER 1/10W 0402
17	17	R3,R4,R5,R6,R7,R8,R9,R10,R19,R20,R24,R25,R26,R29,R30,R33,R35	1K	Panasonic Electronic Components	ERJ-2GEJ102X	r0402	RES SMD 1K OHM 5% 1/10W 0402
18	8	R11,R12,R13,R14,R15,R16,R17,R18	100K	Panasonic Electronic Components	ERJ-2GEJ104X	r0402	RES SMD 100K OHM 5% 1/10W 0402
19	8	R21,R23,R27,R28,R31,R32,R34,R37	20K	Panasonic Electronic Components	ERJ-2GEJ203X	r0402	RES SMD 20K OHM 5% 1/10W 0402
20	1	R39	178K	Panasonic Electronic Components	ERJ-2RKF1783X	r0402	RES SMD 178K OHM 1% 1/10W 0402
21	1	R40	0 Ohm	Panasonic Electronic Components	ERJ-8GEY0R00V	r1206	RES SMD 0.0 OHM JUMPER 1/4W 1206
22	1	R41	330 Ohm	panasonic Electronic Components	ERJ-3GEYJ331V	r0603	RES SMD 330 OHM 5% 1/10W 0603
23	1	SW2	8-POS 50-MIL SMT	C & K	TDA08H0SB1R	SW_SMVT_SPST_TDA08	SWITCH SLIDE DIP SPST 25MA 24V
24	1	U1	TUSB544	Texas Instruments	TUSB544RNQ	40 Pin QFN	USB TYPE-C™ 8.1Gbps Multi-Protocol Linear Redriver
25	1	U2	TPS62082DSGT	Texas Instruments	TPS62082DSGT	dsg	IC REG BUCK 3.3V 1.2A SYNC 8WSON
26	1	LB1	sticker	Any	THT-14-423-10		PCB Label 0.650"H x 0.200"W add text: TUSB544RNQEVMM INTO54-002 REV A
27	8	Shunt	Shunt	3M	969102-0000-DA		Place shunts on: JMP2,JMP3,JMP4, JMP5,JMP6,JMP7, JMP8,JMP9
28	1	PCB BOARDS	TUSB544EVM		INT054		TUSB544EVM PCB BOARD

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