

Comment	Description	Designator	Footprint	LibRef	Quantity
STANDOFF M2.5	STANDOFF M2.5X2.9MM ODS 1MM 1.5MM SN --	BH1, BH2, BH3	standoff_circle_Sp1-2p5mm.nsp	MOUNT_HOLE	3
22uF 10V	CAP CER 222UF 10% 0603	C2, C46	CM03	CAP_NP	13
0.22uF	CAP CER 0.22UF 10% 0603	C2, C46	CM03	CAP_ceramic	2
0.1uF 35V	CAP CER 0.1UF 35V XSR 0402	C5	CAPC1005X60N	CAP_NP_Dup1	1
0.01uF 35V	CAP CER 1000PF 35V XSR 0402	C6, C28	CAPC1005X60N	CAP_NP_Dup1	2
10uF 35V	CAP CER 10UF 35V XSR 0805	C9	CAPC2012N	CAP_NP_Dup1	1
0.22uF	CAP CER 0.22UF 6.3V XSR 0402	C18, C17, C17, C18, C19, C21, C22, C23	CAPC1005X60N	CAP_NP_Dup1	8
22uF 35V	CAP CER 22UF 35V JB 0805	C12, C20, C24, C25, C36, C37, C41, C201, C241	C0805	CAP_NP	9
2.2uF	CAP CER 2.2UF 6.3V 10% 0603	C15, C16, C26	CAPC1608X95N	CAP_NP	3
10uF	CAP CER 10UF 6.3V XSR 0603	C27	CAPC1608X95N	CAP_NP_Dup1	1
0.001uF	CAP CER 1000PF X7R 0402	C29	CAPC1005X60N	CAP_NP_Dup1	1
0.01uF	CAP CER 0.01UF 10% 0402	C30	C0402	CAP_ceramic	1
100nF	CAP CER 100NF 10% 0402	C31, C38, C42, C44, C420	C0402	CAP_ceramic	5
1uF	CAP CER 1UF 10% 0402	C33, C43	C0402	CAP_ceramic	2
10uF	CAP CER 10UF 20% 0603	C34	C0403	CAP_ceramic	1
PTV520V51UR	TVS DIODE 20V5MM 32A SOD123W	D1, D4	SOD123W	DIODE_TVS	2
PMEG6030ELPX	DIODE SCHOTTKY 60V SOD128	D2	SOD128	DIODE_SCHTKY	1
SLV6A-PKB-CK1P1C18B7R3R3	LED RED/GRN/BL PLCC6 IN-1 20mA SMT	D3	led6_5p5x5p3mm	LED_TRL_SLV6A_6P	1
LED GREEN	Avago H5MG-C170	D51, D54	LED2012N	LED_1	2
LED ORANGE	Avago H5MG-C170	D52	LED2012N	LED_1	1
LED RED	Avago H5MG-C170	D53	LED2012N	LED_1	1
FID	FID1 FID2 FID3 FID4 FID4, FID7 FID8	FID1, FID2, FID3, FID4, FID7, FID8	FID_040	FID	8
DF40C-100D5-0.4V(51)	CON 250U SMT SMD 51H 0.4MM SP 45H AU	J1	con100_0p4_22p43p1	CONN_X50_M	1
USB24_TYPC_4	CONN RCP USB1.1 11P40 24P SMD RA	J2	CONN_BAW_USB24-BTN-04R	USB24_TYPC_4	1
CONN9_PADS		J3, J4	CONN_1X6_1P26_14P30N-SM	CONN9_PADS	2
CONN6_PADS		J5, J7, J8	CONN_1X6_1P25_10P75R-S.M	CONN6_PADS	3
CONN3_PADS		J6	CONN_1X3_1P26_74P25-M	CONN3_PADS	1
DF40C-200P-0.4V(51)	CONN RCP USB1.1 11P40 GOLD	J9	CON20_0P4_4P8X3P1-3M	CONN_HOR_10K2	1
09452812560		J10	09452812560	09452812560	1
DF40C-1000P-0.4V(51)	CON 250U SMD SMD 51H 0.4MM SP 51H AU	J11	con100_0p4_21p7x2p05	CONN_X50_M	1
1.5uH	INDUCTOR 1.5UH 40A 40 MOHM	L1	0420C04MCCDS-185M0	INDUCTOR	1
0475890001	RCP 5 POS 0.65mm Solder RA SMD 5 Terminal 1 Pin T/R	P1	*MOLEX_0475890001	0475890001	1
0475890001	CONN HEADER 10PUS DUAL VERT	P2	CONN_50MTEC-T13SF-10P-01-L-W-K	HEADER_S12	1
855138	RES SMD 10K OHM 0.5% 1/16W 0402	Q1, Q2, Q3	SOT23	MOSFET-N-GSD	3
10K 0.5%	RES SMD 10K OHM 0.5% 1/16W 0402	R1, R21, R22, R23, R28	RES-1005N	RES_Dup1	5
19.0K 1%	RES SMD 19.0K OHM 1% 1/16W 0402	R2, R20, R22, R24, R27	RES-1005N	RES_Dup1	5
1.2M 1%	RES SMD 1.2M OHM 1% 1/16W 0402	R3	RES-1005N	RES_Dup1	1
249K 1%	RES SMD 249K OHM 1% 1/16W 0402	R4, R6	RES-1005N	RES_Dup1	2
1M 1%	RES SMD 1M OHM 1% 1/16W 0402	R5	RES-1005N	RES_Dup1	1
4K7	RES 4K7 5% 1/10W 0402	R7, R8, R9, R10, R13, R16, R18, R19, R29, R30, R43, R44, R50, R51, R53, R55, R57, R59, R64, R67, R71, R80	R0402	R_SM	22
10K	RES 10K OHM 1/16W 0402	R11	R0402	R_SM	1
47K 1%	RES SMD 47K OHM 1% 1/10W 0603	R12	R0402	R_SM	1
270	RES SMD 270 OHM 1% 0.0625W 0402	R14, R15, R17, R35	RES-1005N	R_SH	4
10K	RES 0402 1% 10K 1/16W	R26, R45	R0402	R_SM	2
24	RES 0402 1% 24K 1/16W	R31, R34, R36	R0402	R_SH	3
100K	RES 100K 1% 1/10W 0402	R32, R33, R37, R38, R40, R41, R48, R52, R54, R56, R58, R60, R61, R62, R63, R65, R66, R68, R69, R70, R72, R73, R74	R0402	R_SM	23
150R	Ohm 1%	R39, R42, R49	R0603	R_SH	3
75K	RES 0402 1% 75K 1/16W	R46	R0402	R_SM	1
430K	RES 0402 1% 430K 1/16W	R47	R0402	R_SM	1
416131160804	25MA 24V	S1, S2	416131160804	416131160804	2
Test pad	Round Test Point 1mm	TP4, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP35, TP36, TP37, TP38	TPAD_40_TH	Testpad	33
Test pad	Round Test Point 1mm	TP35, TP36, TP37, TP38	TP_SMD50C	Testpad	4
ESD585_05T1G	TVS DIODE 5V5MM SOD123	TV51, TV52, TV53, TV54	SOD523	DIODE_TVS_BIDIR	7
TLV3201ADBWR	CMOS INVERTER 3.3V SOT23-5	U1	SOT23-5	TLV3201_3	1
TPQ2E001	DIODE ESD PROTECT 1.5 18KV 20A SOT-563	U2, U3, U4	D8L5	TPQ2E001_D8L	3
TPQ2E530RVR	IC: PWR DIST SWITCH 2A SON	U5	SON66SP200K200K80-7N	TPQ2E52	1
TPQ4E050KDOAR	IC: PWR DIST SWITCH 2A SON	U6, U7, U10, U12, U17, U19, U20	TLTPD4E050KDOAR	ESD224DOAR	8
SE05052H01Z01SA	SECURE ELEMENT 1.62-3.6V HQCFN20	U8	qfn20_0p4_3x3_1ab_1p8	SE0507BD_HQCFN20	1
TLA2024BRUGT	IC: USB PD/TYPC-C PWR Sink/Source Combo SW 5 2.8-20V WLCSP42	U9	QFN50P200K150K40-10M	TLA2024	1
NX20P3483UK	IC: USB PD/TYPC PWR Sink/Source Combo SW 5 2.8-20V WLCSP42	U11	wlcsp42_0p4_2p8x2p54_mdp	NX20P3483UK_42P	1
PTN5110	IC: USB PD/TYPC PWR Sink/Source Combo SW 5 2.8-20V WLCSP42	U12	hx2qfn16_0p4_2p8x2p7	PTN5110_CFN16	1
SN74LVC1G14	IC: SN74LVC1G14DBWR SCHMITT INVERTER SOT14	U14	SOT23-5	NC75214MSX	1
TP522965DSGR	IC: T522965DSGR 16mOHM DS5GB	U15	TL5-PW50N-N8	TP522965DSGR	1
MP8759GD	IC: MP8759GD DCDC: ADI 0A 4.5-28V CFN12	U16	qfn12_0p5_3p1x2p1	MP8759_CFN_0	1