

Bill Of Ma Page1

Item	Quantity	Reference	Part
1	6	C1,C2,C3,C4,C11,C12	0.1uF
2	2	C5,C6	10uF
3	2	C7,C8	1uF
4	2	C9,C10	1uF
5	2	C13,C14	0.01uF
6	1	C15	22uF
7	1	C16	220nF
8	4	C17,C18,C19,C20	220nF
9	1	D1	LED Green 0805
10	8	JMP1,JMP2,JMP3,JMP4,JMP5,JMP6,JMP7,JMP8	4 Pin-T Berg Jumper
11	3	J1,J2,J3	HDR2X1 M .1
12	1	P1	USB3.0 Type A Plug
13	1	P2	USB3 Type A Receptacle
14	17	R1,R3,R4,R6,R7,R9,R10,R12,R13,R15,R16,R18,R19,R21, R22,R24,R25	1k
15	9	R2,R5,R8,R11,R14,R17,R20,R23,R27	20k
16	1	R26	0 Ohm
17	1	R28	300 Ohm
18	1	SW1	Switch - Push Button
19	1	U1	TUSB1002ARGE
20	1	U2	LP5907
21	4	SCRW1,SCRW2,SCRW3,SCRW4	NY PMS 440 005 PH
22	6	SHNT1,SHNT2,SHNT3,SHNT4,SHNT5,SHNT6	QPC02SXGN-RC
23	4	STDOFF1,STDOFF2,STDOFF3,STDOFF4	1902E
24	1	LB1	THD-47-478-10
25	1	PCB1	HSDC035

PCB Footprint	Manufacturer	Manufacture Part Number
C0201	TDK Corporation	C0603X7S1A104M030BC
C0805	Murata	GRM21BR71A106KE51L
C0603	TDK Corporation	C1608X5R1A105K080AC
C0201	Murata	GRM033R61A105ME15D
C0201	Yageo	CC0201KRX7R7BB103
C0805	Samsung	CL21A226MQCLQNC
C0402	Murata	GRM155R61A224KE19D
C0201	Murata	GRM033R61A224KE90D
led_0805	Lite-On	LTST-C170KGKT
BERG2X3TEE	Samtec	HTSW-104-07-G-S
HDR_THVT_1x2_100	Sullins	PEC02SAAN
CON_SMRT_USB3A_AMP	Amphenol	GSB416445CHR
USB3_TYPEA	Amphenol	GSB4111312HR
R0402	Panasonic	ERJ-2GEJ102X
R0402	Panasonic	ERJ-2RKF2002X
R0805	Panasonic	ERJ-6GEY0R00V
R0402	Panasonic	ERJ-2GEJ301X
SW_THVT_EVQPAX05	Panasonic	EVQ-PAD05R
SKT_TUSB1002RGE	Texas Instruments	TUSB1002ARGER
DBV_R-PDSO-G5	Texas Instruments	LP5907MFX-3.3/NOPB
screw	B&F Fastener	NY PMS 440 0050 PH
0.1	Sullins Connector Solutions	QPC02SXGN-RC
Standoff	Keystone	1902E
rectangle	Brandy	THD-47-478-10
na	any	HSDC035

Description

CAP CER 0.1UF 10V X7S 0201

CAP CER 10UF 10V X7R 0805

CAP CER 1UF 10V X5R 0603

CAP CER 1UF 10V X5R 0201

CAP CER 10000PF 16V X7R 0201

CAP CER 22UF 6.3V X5R 0805

CAP CER 0.22UF 10V X5R 0402

CAP CER 0.22UF 10V X5R 0201

LED GREEN CLEAR 0805 SMD

Three position head connector

CONN HEADER .100 SINGL STR 2POS

USB3.1 A PLG SMT 2U

USB3.1 A STD R/A DIP 30U

RES SMD 1K OHM 5% 1/10W 0402

RES SMD 20K OHM 1% 1/10W 0402

RES SMD 0 OHM JUMPER 1/8W 0805

RES SMD 300 OHM 5% 1/10W 0402

SWITCH TACTILE SPST-NO 0.02A 15V

USB3 redriver

IC REG LINEAR 3.3V 250MA SOT23

40x.5 inch nylon

CONN JUMPER SHORTING .100" GOLD

1 inch nylon

label for OPN

PCB

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