

Bill of materials

Comment	Quantity	Designator	Footprint
Connectors, Buttons, Header Pins			
DUAL_USB_2.0_TYPE-A	2	J1, J2	Custom
TYPEC-306DDW-ARP16	1	J3	Custom
Inductors			
600Ω @ 100MHz 2A	3	L1, L2, L3	0805
Capacitors			
100nF	7	C15, C16, C1, C5, C8, C9, C10	0603
100uF	2	C11, C12	3528X210N
10uF	4	C6, C7, C13, C14	0603
18pF	2	C3, C4	0603
1uF	1	C2	0603
IC			
GL852 USB HUB IC	1	U1	SOP28
SY6280	2	U2, U3	SOT23-5
Diode			
RED LED	3	PWR, UPWR1, UPWR2	0603
Crystal			
12MHZ	1	Y1	3225
Resistors			
10K	4	R4, R5, R9, R10	0603
2.2k	3	R2, R12, R13	0603
47K	1	R6	0603
5.1K	2	R1, R3	0603
6.8K	2	R8, R11	0603
680R	1	R7	0603
Other			
PCB	1	NA	NA