

USB RS485 BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C2 C3 C4	3	Samsung	CL21B104KBCNNWC	Capacitor MLCC 100nF+/-10% 50V X7R 0805	0805	SMD	
2	C1	1	Samsung	CL21A105KBCLNNC	Capacitor MLCC 1uF+/-10% 50V X5R 0805	0805	SMD	
3	D3	1	Würth Elektronik	150080VS75000	LED SMD WL-SMCW SMDMono TpVw Waterclr 0805 BrtGrn	0805	SMD	
4	D1 D2	2	Würth Elektronik	150080SS75000	LED SMD WL-SMCW SMDMono TpVw Waterclr 0805 SprRed	0805	SMD	
5	F1	1	Bourns	MF-FSMF050X-2	Resettable Fuse - PPTC 6V .5A HD 40A MAX	SMD	SMD	
6	J3	1	Sullins Connector Solutions	PREC004SAAN-RC	CONN HEADER VERT 4POS 2.54MM	4POS	THRU-HOLE	
7	J2	1	Phoenix Contact	1711738	TERM BLK 3P SIDE ENT 5.08MM PCB	3POS	THRU-HOLE	
8	J1	1	XKB Connectivity	U262-161N-4BVC11	3A USB Type-C 3.1 1 260°C SMD 16 Female -40°C~+85°C Gold Copper Alloy	SMD	SMD	
9	R3	1	Panasonic	ERJ-6GEYJ121V	RES SMD 120 OHM 5% 1/8W 0805	0805	SMD	
10	R4 R5 R6	3	Panasonic	ERJ-6GEYJ332V	RES SMD 3.3K OHM 5% 1/8W 0805	0805	SMD	
11	R1 R2	2	Panasonic	ERJ-6GEYJ512V	RES SMD 5.1K OHM 5% 1/8W 0805	0805	SMD	
12	U2	1	WCH(Jiangsu Qin Heng)	CH340E	2Mbps Transceiver USB 2.0 MSOP-10 USB IC	MSOP-10	SMD	
13	U1	1	Maxim	MAX485ESA	RS-422/RS-485 Interface IC Low-Power, Slew-Rate-Limited Transceiver	SOIC-8	SMD	