









Node RS485 Wireless 110.PriPcb

Node RS485 Wirel			hoo Barri Namel	A	Manufacture		Description	Accessible Tons	Line.
# Comment	esignate			Manufacturer Part Numbe CR1220-2ZX	Manufacturer Q&J	Quantity	Description	Assembly Type	Link
1 CR1220-2ZX 2 0.1uF	BT1 C1	BAT_CR1220_SMD C 0603	C969906 C14663	CC0603KRX7R9BB104	YAGEO	1	SMD Battery Holders, C 100NF 50V 0603 ROHS	SMT Assembly	
						1	1.5pF 50V C0G 0402 N	•	
3 1.5pF		C_0402	C76901	GJM1555C1H1R5WB01D	Murata Electronics		<u>'</u>	,	
4 10uF		C_0805	C15850, C4401	CL21A106KAYNNNE, GRM	Samsung Electro-Mechanics,		10UF 25V 0805 ROHS,		
5 1uF		C_0603	C15849	CL10A105KB8NNNC	Samsung Electro-Mechanics		1UF 50V 0603 ROHS	SMT Assembly	
6 10nF	C5, C6,	C_0402	C1547	0402CG120J500NT	FH(Guangdong Fenghua Adva		10nF 50V X7R ±10% 04		
7 1uF	C8, C33		C52923	CL05A105KA5NQNC	Samsung Electro-Mechanics		25V 1uF X5R ±10% 040		
8 100nF		C_0402	C41851	0402B104K160NT	FH(Guangdong Fenghua Adva			SMT Assembly	
9 33nF	C12	C_0402	C106862	CC0402KRX7R9BB333	YAGEO		50V 33nF X7R ±10% 04		
10 1nF		C_0402	C1523	0402B102K500NT	FH(Guangdong Fenghua Adva	2	1nF 50V X7R ±10% 040	SMT Assembly	
11 22pF	C15, C1	C_0402	C1555	0402CG220J500NT	FH(Guangdong Fenghua Adva	4	22pF 50V C0G ±5% 04	SMT Assembly	
12 0.3pF	C18, C4	C_0402	C85885	GJM1555C1HR30BB01D	Murata Electronics	2	0.3pF 50V C0G 0402 N	SMT Assembly	
13 2.2nF	C19	C_0402	C1531	0402B222K500NT	FH(Guangdong Fenghua Adva	1	2.2nF 50V C0G ±5% 04	SMT Assembly	
14 4.7pF	C20	C_0402	C1569	0402CG4R7C500NT	FH(Guangdong Fenghua Adva	1	4.7pF 50V C0G ±5% 04	SMT Assembly	
15 4.7uF	C35	C 0603	C19666	CL10A475KO8NNNC	Samsung Electro-Mechanics	1	4.7UF 16V 0603 ROHS	SMT Assembly	
16 47uF		C 0805	C124129	GRM21BR61A476ME15L	Murata Electronics		47uF ±20% 10V X5R 08	,	
17 18pF	C38	C 0402	C1549	0402CG180J500NT	FH (Guangdong Fenghua Adva		50V 18pF C0G ±5% 04		
18 5.6nF	C39	C_0402	C1540	0402B562K500NT	FH(Guangdong Fenghua Adva		5.6nF 50V X7R ±10% 0		
19 1.0pF	C43	C_0402	C76953	GRM1555C1H1R0CA01D	Murata Electronics		1.0pF 50V C0G 0402 N		
20 DSK34			C41029	DSK34	MDD (Microdiode Electronics		DSK34 40V 550mV@3	-	
21 SMAJ28A_C908775	D2	DO-214AC_L4.3-W2		SMAJ28A	GOODWORK(固得沃克)		SMAJ28A 8.8A 45.4V 3	•	
22 2LED_3MM		2LED_3MM	N/A	SSF-LXH240IGD	Lumex		LED DUAL RED/GREE		
23 BAT54C	D8	SOT-23-3_L2.9-W1.	C14308	BAT54CLT1G	ON Semicon	1	SCHOTTKY BARRIER	,	
24 SMAJ12CA	-, -	SMA,DO-214AC - C	C698919	SMAJ12CA	Yangzhou Yangjie Elec Tech	3	1uA 20.1A 19.9V 13.3V	,	
25 DB2ERM-3.81-5P-G		CONN-TH_5P-P3.81		DB2ERM-3.81-5P-GN	DORABO(地博电气)		x5P Green Board Edge		
26 ATN SMA	J2	ANTEN_SMA	N/A	N/A	N/A	1	Connector; SMB Straig	Hand Soldering	
27 2.54-2*15P	J6	HDR-TH_30P-P2.54	C5337168	2.54-2*15P	BOOMELE(博穆精密)	1	Straight,P=2.54mm Fe	SMT Assembly	
28 HDR1x7	J9	HDR1X7H		HDR1x7 Horizonal	China	1	Header IDC, 1x8 Pin ho	Hand Soldering	
29 3.9nH	L1, L6	L_0402	C317939	FHW0402UC3N9JST	FH(Guangdong Fenghua Adva	2	3.9nH 840mA ±5% 66m	SMT Assembly	
30 8.2nH	L2	L_0402	C317946	FHW0402UC8N2JST	FH(Guangdong Fenghua Adva	1	8.2nH 680mA ±5% 100i	SMT Assembly	
31 2.7nH	L3, L5	L 0402	C317935	FHW0402UC2N7KST	FH(Guangdong Fenghua Adva	2	2.7nH 640mA ±10% 12	SMT Assembly	
32 22uH	L4	IND-SMD_L7.1-W6.6	C207843	SLO0630H220MTT	Sunltech Tech	1	22uH ±20% SMD Powe	SMT Assembly	
33 MLT-8530	LS1	BUZ-SMD_4P-L8.5-\		MLT-8530	Jiangsu Huaneng Elec			SMT Assembly	
34 MMBT3904		SOT-23-3_L2.9-W1.	C20526	MMBT3904	Changjiang Electronics Tech (MMBT3904 TRANSIST	,	
35 MMBT3906LT1G	Q2, Q3	SOT-23-3_L2.9-W1.	C53444	MMBT3906LT1G	ON Semicon			SMT Assembly	
	R1	R_0805	C17408	0805W8F1000T5E	Uniroyal Elec	1	100OHMS ±1% 1/8W 0	,	
_						1			
37 10.2k	R2	R_0402	C226746	AC0402FR-0710K2L	YAGEO		10.2k ±1% 10.2kΩ 0402	•	
38 22OHM	R3	R_0402	C25092	0402WGF220JTCE	Uniroyal Elec		22Ω 0402 62.5mW Thic	-	
39 6.04K	R4	R_0402	C97819	RC0402FR-076K04L	YAGEO		6.04K ±1% 6.04kΩ 040		
40 1.96k	R5	R_0402	C324853	RC-02K1961FT	FH (Guangdong Fenghua Adva		1.96k ±1% 1.96kΩ 0402		
41 1k	R6, R11	R_0402	C11702	0402WGF1001TCE	Uniroyal Elec	12	1kΩ 0402 62.5mW Thic	SMT Assembly	
42 22k	R7, R13	R_0402	C25768	0402WGF2202TCE	Uniroyal Elec	3	22k 0402 62.5mW Thic	SMT Assembly	
43 10K	R8, R9,	R_0402	C25744	0402WGF1002TCE	Uniroyal Elec		10kΩ 0402 62.5mW Th		
44 0OHM	R17	R_0603	C21189	0603WAF0000T5E	Uniroyal Elec	1	0OHMS ±1% 1/10W 06	SMT Assembly	
45 0R	R40	R_0402	C17168	0402WGF0000TCE	Uniroyal Elec	1	0R 0Ω 0402 1% Chip R	SMT Assembly	
46 10R	R62, R6	R_0603	C22859	0603WAF100JT5E	UNI-ROYAL(Uniroyal Elec)	2	100mW Thick Film Res	SMT Assembly	
47 120R	R63	R_0603	C22787	0603WAF1200T5E	UNI-ROYAL(Uniroyal Elec)	1	100mW Thick Film Res	SMT Assembly	
48 8P	S1	SW-TH_KF1002-08F		KF1002-08P-R3GLG-DFT-	KAIFENG	1	Plugin DIP Switches RO	-	
49 K2-1806SQ-A3DW-0		KEY-SMD_K2-18069		K2-1806SQ-A3DW-04	韩国韩荣		50mA Surface Mount S		
50 RT9193-33GB	U1	SOT-23-5_L3.0-W1.		RT9193-33GB	Richtek Tech		5.5V 300mV @ 300mA		
	U2	LQFP-48_L7.0-W7.0		STM32L151C8T6	STMicroelectronics		STM32 ARM-based 32-		
52 NRF24L01P-R	U3	QFN-20_L4.0-W4.0-		NRF24L01P-R	NORDIC		NRF24L01P-R SPI QFI		
	U4				WINBOND		W25Q128JVSIQTR 128	,	
		SOIC-8_L5.3-W5.3-I		W25Q128JVSIQ				,	
54 74LVC1G125GW,125		SOT-353_L2.1-W1.3		74LVC1G125GW,125	Nexperia		74LVC1G125GW,125 3	,	
55 TPS54331DR	U6	SOIC-8_3.9x4.9x1.2		TPS54331DR	Texas Instruments		TPS54331DR 3A 28V S		
56 RFX2401C	U7	QFN-16_L3.0-W3.0-		RFX2401C	SKYWORKS		ERX2401C 2.4GHz~2.5		
57 PCF85063ATT/AJ	U8		C165608	PCF85063ATT/AJ	NXP		TSSOP-8-3.0mm Real-		
58 74HC165D	U10		C5613	74HC165D,653	Nexperia		74 SERIES SHIFT REG		
59 SP485EEN-L/TR	U13	SOIC-8	C6855	SP485EEN-L/TR	MaxLinear		transceiver 4.75V~5.25		
60 8Mhz	X1	SMD-3225_4P	C133366	1C208000CE0Q	KDS Daishinku	1	8Mhz 3225 SMD CRYS	SMT Assembly	_
		CMD 2045 2D	C32346	Q13FC1350000400	Seiko Epson	1	32.768K SMD CRYSTA	SMT Assembly	
61 32.768K	X2	SMD-3215_2P	C32340	Q 131 C 1330000400	Selku Lpsuii		32.700K OND OKTOTA	Civil 7 to ocilibly	