

blues wireless

Notecarrier-Pi v4

Item	Qty.	Reference	Manufacturer	Mfr. Part #	Description	Supplier	Spr. Part #	Type	Package
1	1	CS1			PCB NOTECARRIER-M2-P1 V4 (65X56.5)mm 4L/SO/SR ENIG TG150 sp=1.6mm Cu=18um				
2	2	C1,C2			CHIP CERAMIC CAPACITOR 22uF 25V 10% X5R 1206			SMD	CS-C-1206
3	2	C3,C7			CHIP CERAMIC CAPACITOR 100nF 16V 10% X7R 0402			SMD	CS-C-0402
4	3	C4,C5,C6			CHIP CERAMIC CAPACITOR 33pF 50V 5% C0G 0402			SMD	CS-C-0402
5	1	C8			CHIP CERAMIC CAPACITOR 10nF 1000V 10% X7R 1206			SMD	CS-C-1206
6	3	DSW1,DSW2,DSW3	Nidec Copal Electronics	CHS-01TB	DIP SWITCH 1P/D NERO CHS-01TB COPAL SMT	Digi-Key	563-1004-1-ND	SMD	DSS-CHS-01TB
7	2	DS1,DS2	STMicroelectronics	STPS3H100U	DIODE SCHOTTKY 3A 100V STPS3H100U SMB SMT	Digi-Key	497-10392-1-ND	SMD	SMB
8	1	F1	Bourns Inc.	SF-0603F150-2	FAST BLOW FUSE 1.5A 32V 0603 SF-0603F150-2 BOURNS SMT	Digi-Key	SF-0603F150-2CT-ND	SMD	FS-0603
9	1	F2	Littelfuse Inc.	0603SFV350F/32-2	FAST BLOW FUSE 3.5A 32V 0603 0603SFV350F/32-2 LITTELFUSE SMT	Digi-Key	0603SFV350F/32-2CT-ND	SMD	FS-0603
10	1	J1	Adafruit Industries LLC	2223	STACKING HEADER 2x20P P=2.54 2223 ADAFRUIT	Digi-Key	1528-1385-ND	THT	J-20X2-0254-FDT-SSQx03
11	1	J2	JAE Electronics	SF72S006VBAR2500	CONNECTOR NANOSIM 8P F/90° PUSH-PUSH SF72S006VBAR2500 JAE ELECTRONICS SMT	Digi-Key	670-2799-1-ND	SMD	J-NANOSIM-SF72S006VBA
12	1	J3	Amphenol ICC (FCI)	MDT420E01001	CONNECTOR M.2 75P M/90° P=0.5 MDT420E01001 AMPHENOL SMT	Digi-Key	MDT420E01001CT-ND	SMD	J-75-0050-MOS-M2-E
13	1	J4	Amphenol ICC (FCI)	10118192-0002LF	CONNECTOR USB F/90° TIPO MICRO-B C.S. 10118192-0002LF FCI SMT	Digi-Key	609-5379-1-ND	SMD	J-5-0065-FOS-USB10118192-NOF
14	1	J5	Seeed Technology Co., Ltd	114020164	CONNECTOR GROVE 4P M/90° P=2 SEEDSTUDIO SMT	Digi-Key	1597-114020164-ND	SMD	J-4-0200-MOS-GROVE
15	1	OBJ1	Würth Elektronik	9774025151R	ROUND STANDOFF STEEL 5.1X2.5 9774025151R W.E SMT	Digi-Key	732-7078-1-ND	SMD	DIST-WASMSIM0250
16	3	R1,R2,R3			CHIP RESISTOR 22R 0603 1/16W 1%			SMD	RS-0603
17	1	R4			CHIP RESISTOR 15K 0402 1/16W 1%			SMD	RS-0402
18	1	R5			CHIP RESISTOR 1M 1206 1/4W 1%			SMD	RS-1206
19	8	R6,R7,R8,R9,R10,R11,R12,R13			CHIP RESISTOR 100R 0402 1/16W 1%			SMD	RS-0402
20	2	TVS1,TVS3	STMicroelectronics	SM6T6V8A	DIODE TVS TRANSIL UNIDIR. 600W 6.8V SM6T6V8A SMB SMT	Digi-Key	497-6501-1-ND	SMD	SMB
21	1	TVS2	STMicroelectronics	SM2T3V3A	DIODE TVS TRANSIL UNIDIR. 200W 3.6V SM2T3V3A DO216AA SMT	Digi-Key	497-7878-1-ND	SMD	D-DO216AA
22	1	TVS4	Micro Commercial Co	ESDLC5V0M5-TP	DIODE TVS TRANSIL UNIDIR. 20W 5V ESDLC5V0M5-TP SOT563 SMT	Digi-Key	ESDLC5V0M5-TPMSCT-ND	SMD	SOT666

39

MECHANICAL

1	1	ASS1			DIN 912 M2.5-0.45x4 HEX SOCKET HEAD CAP SCREW, FULLY-THREADED SHAFT, A2 STAINLESS	Grainger	6DA91	THT	
---	---	------	--	--	---	----------	-------	-----	--

1

NOT MOUNTED

1	4	FID1,FID2,FID3,FID4			FIDUCIAL			SMD	FIDUCIAL
---	---	---------------------	--	--	----------	--	--	-----	----------