

blues wireless

Notecarrier-AF v8

Item	Qty.	Reference	Manufacturer	Mfr. Part #	Description	Supplier	Spr. Part #	Type	Package
1	1	ANT1	PulseLarsen Antennas	W3010	ANTENNA CHIP 1.575GHZ D=3.2X10X2 W3010 PULSE SMT	Digi-Key	553-1670-1-ND	SMD	ANT-W3010
2	1	ANT2	PulseLarsen Antennas	W3796	ANTENNA CHIP LTE D=40X7X3 W3796 PULSE SMT	Digi-Key	553-3657-1-ND	SMD	ANT-W3796
3	1	ASS1			DIN 912 M2.5-0.45x4 HEX SOCKET HEAD CAP SCREW, FULLY-THREADED SHAFT, A2 STAINLESS	Grainger	6DA91	THT	
4	2	ASS2, ASS3	Cinch Connectivity Solutions Johnson	415-0086-050	CABLE COAX uFI-uFI 415-0086-050 HIROSE CINCH CONNECTIVITY SOLUTIONS JOHNSON	Digi-Key	J932-ND	THT	
5	1	C1	AVX Corporation	04025A3R3JAT2A	CHIP CERAMIC CAPACITOR 3.3pF 50V 5% C0G 0402	Digi-Key	478-04025A3R3JAT2ACT-ND	SMD	CS-C-0402
6	1	C2	Murata Electronics	GJM1555C1H1R5BB01D	CHIP CERAMIC CAPACITOR 1.5pF 50V +/-0.1pF C0G 0402	Digi-Key	490-8087-1-ND	SMD	CS-C-0402
7	1	C4	Murata Electronics	GRM155R71H102KA01D	CHIP CERAMIC CAPACITOR 1nF 50V 10% X7R 0402	Digi-Key	490-1303-1-ND	SMD	CS-C-0402
8	2	C5, C13	Yageo	CC0402KRX5R7BB105	CHIP CERAMIC CAPACITOR 1uF 16V 10% X5R 0402	Digi-Key	311-1691-1-ND	SMD	CS-C-0402
9	6	C9, C14, C202, C203, C206, C207	Yageo	CC0402KRX7R7BB104	CHIP CERAMIC CAPACITOR 100nF 16V 10% X7R 0402	Digi-Key	311-1338-1-ND	SMD	CS-C-0402
10	3	C10, C15, C19	Yageo	CC0402KRX7R7BB104	CHIP CERAMIC CAPACITOR 100nF 16V 10% X7R 0402	Digi-Key	311-1338-1-ND	SMD	CS-C-0402
11	1	C11	KEMET	C1206C103KDRACU	CHIP CERAMIC CAPACITOR 10nF 1000V 10% X7R 1206	Digi-Key	399-5932-1-ND	SMD	CS-C-1206
12	1	C12	Taiyo Yuden	TMK316BJ106KL-T	CHIP CERAMIC CAPACITOR 10uF 25V X5R 10% 1206	Digi-Key	587-1337-1-ND	SMD	CS-C-1206
13	1	C16	AVX Corporation	06035A0R5CAT2A	CHIP CERAMIC CAPACITOR 0.5pF 50V +/-0.25 C0G 0402 GRM1555C1HR50CA01D MURATA	Digi-Key	478-1150-1-ND	SMD	CS-C-0402
14	3	C17, C18, C20	AVX Corporation	04025A330JAT2A	CHIP CERAMIC CAPACITOR 33pF 50V 5% C0G 0402	Digi-Key	478-1076-1-ND	SMD	CS-C-0402
15	2	C200, C201	Samsung Electro-Mechanics	CL21B106K0QNNNG	CHIP CERAMIC CAPACITOR 10uF 16V 10% X7R 0805	Digi-Key	1276-6472-1-ND	SMD	0805 C
16	3	C204, C205, C208	Murata Electronics	GRM219R61A226MEA0D	CHIP CERAMIC CAPACITOR 22uF 16V 10% X7R 0805	Digi-Key	490-9951-1-ND	SMD	0805 C
17	1	CS1			PCB NOTECARRIER-M2-AX V13 (75X65)mm 4L/50/SR ENIG TG150 sp=1.6mm Cu=35um				
18	3	DS2, DS3, DS6	ON Semiconductor / Fairchild	FSV1045V	DIODE SCHOTTKY 10A 45V FSV1045V TO277-3 SMT	Digi-Key	FSV1045VCT-ND	SMD	TO277-3
19	2	DS4, DS5	STMicroelectronics	STPS3H100U	DIODE SCHOTTKY 3A 100V STPS3H100U SMB SMT	Digi-Key	497-10392-1-ND	SMD	SMB
20	1	F1	Littelfuse	0603SFV350F/32-2	FAST BLOW FUSE 3.5A 32V 0603 0603SFV350F/32-2 LITTELFUSE SMT	Digi-Key	0603SFV350F/32-2CT-ND	SMD	FS-0603
21	1	F2	Bourns	SF-0603F150-2	FAST BLOW FUSE 1.5A 32V 0603 SF-0603F150-2 BOURNS SMT	Digi-Key	SF-0603F150-2CT-ND	SMD	FS-0603
22	1	J2	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-MICROUSB10118192
23	2	J3, J4	JST Sales America Inc.	B2B-PH-SM4-TBT(LF)(SN)	CONNECTOR PH 2P M/D P=2 B2B-PH-SM4-TBT(LF)(SN) JST SMT	Digi-Key	455-2872-1-ND	SMD	J-2-0200-MDS-B2B-PH-SM4
24	1	J5	JAE Electronics	SF72S006VBAR2500	CONNECTOR NANOSIM 8P F/90° PUSH-PUSH SF72S006VBAR2500 JAE ELECTRONICS SMT	Digi-Key	670-2799-1-ND	SMD	J-NANOSIM-SF72S006VBA
25	1	J6	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
26	2	J7, J8	Hirose Electric Co Ltd	U.FL-R-SMT-1(10)	CONNECTOR RF M U.FL-R-SMT-1(10) HIROSE SMT	Digi-Key	H11891CT-ND	SMD	J-3-MDS-UFL
27	1	J10	JST Sales America Inc.	BM04B-SRSS-TB(LF)(SN)	CONNECTOR HEADER 4POS 1MM WIRE-TO-BOARD VERT SMT	Digi-Key	455-1790-1-ND	SMD	JST BM04B-SRSS-TB
28	2	J11, J12	Seed Technology Co., Ltd	114020163	CONNECTOR GROVE 4P M/D P=2 114020163 SEEDSTUDIO SMT	Digi-Key	1597-114020163-ND	SMD	J-4-0200-MDS-GROVE
29	1	L1	Murata Electronics	LQW15AN7N5H00D	INDUCTOR 7.5nH 0.57A 3% A FILO 0402 LQW15AN7N5H00D MURATA SMT	Digi-Key	490-6847-1-ND	SMD	LS-0402
30	1	L3	Coilcraft	0603CS-4N3XJLW	INDUCTOR 4.3nH 0.7A 5% 0603 0603CS-4N3XJLW COILCRAFT SMT	Mouser	994-0603CS-4N3XJLW	SMD	LS-0603CS
31	1	L4	Coilcraft	0603CS-6N8XJLU	INDUCTOR 6.8nH 0.7A 5% 0603 0603CS-6N8XJLU COILCRAFT SMT	Mouser	994-0603CS-6N8XJLU	SMD	LS-0603CS
32	1	L200	Pulse Electronics Power	PA4341.152NLT	INDUCTOR 1.5uH, 9A SMD, (7.6 x 6.9 mm, 3.0 mm high) 15 mOhm	Digi-Key	553-3403-1-ND	SMD	PULSE PA4341.XXXNLT
33	1	MOD1L	Sullins Connector Solutions	PPTC1611FBN-RC	CONNECTOR HEADER 16POS 0.1" TIN PCB	Digi-Key	S7014-ND	THT	SOCKET_LFB_16
34	1	MOD1R	Sullins Connector Solutions	PPTC1211FBN-RC	CONNECTOR HEADER 12POS 0.1" TIN PCB	Digi-Key	S6100-ND	THT	SOCKET_LFB_12
35	1	OBJ1	Würth Elektronik	9774025151R	ROUND STANDOFF STEEL 5.1X2.5 9774025151R W.E SMT	Digi-Key	732-7078-1-ND	SMD	DIST-WASMSIM0250
36	1	R2	TE Connectivity Passive Product	CPF0402B200KE1	CHIP RESISTOR 200K 0402 1/16W 1%	Digi-Key	A103795CT-ND	SMD	RS-0402
37	1	R3	Yageo	RC0402FR-07100KL	CHIP RESISTOR 100K 0402 1/16W 1%	Digi-Key	311-100KLRCCT-ND	SMD	RS-0402
38	1	R5	Vishay Dale	CRCW12061M00FKEA	CHIP RESISTOR 1M 1206 1/4W 1%	Digi-Key	541-1.00MCT-ND	SMD	RS-1206
39	2	R8, R10	Panasonic	ERJ-2RKF1002X	CHIP RESISTOR 10K 0402 1/16W 1%	Digi-Key	P10.0KLCT-ND	SMD	RS-0402
40	1	R9	Vishay Dale	CRCW0402470RFKED	CHIP RESISTOR 470R 0402 1/16W 1%	Digi-Key	541-470LCT-ND	SMD	RS-0402
41	3	R11, R12, R13	Vishay Dale	CRCW060322R0FKEA	CHIP RESISTOR 22R 0603 1/16W 1%	Digi-Key	541-22.0HCT-ND	SMD	RS-0603
42	1	R14	Yageo	RC0402FR-0715KL	CHIP RESISTOR 15K 0402 1/16W 1%	Digi-Key	311-15.0KLRCCT-ND	SMD	RS-0402
43	1	R200	Vishay Dale	CRCW0402470KFKEA	CHIP RESISTOR 470K 0402 1/16W 1%	Digi-Key	541-470KLCT-ND	SMD	RS-0402
44	1	R201	Yageo	RC0402FR-0710ML	CHIP RESISTOR 10M 0402 1/16W 1%	Digi-Key	311-10.0MLRCCT-ND	SMD	RS-0402
45	2	RR1, RR2	Bourns Inc.	CAY16-101J8LF	RESISTOR NETWORK 8R sing. 100R 5% 1506 CAY16-101J8LF BOURNS SMT	Digi-Key	CAY16-101J8LFT-ND	SMD	RR-8X-1506
46	1	S1	C&K	JS202011JCQN	SWITCH SLIDE DPDT 300MA 6V, SMD, J-lead	Digi-Key	CKN10723CT-ND	SMD	CK_JS202011JCQN
47	2	SW1, SW2	C&K	PTS810 SJK 250 SMTR LFS	SWITCH TACTILE SPST-NO 0.05A 12V 4.2 mm x 3.2 mm	Digi-Key	CKN10503CT-ND	SMD	CK-PTS810-SJx
48	1	TVS1	STMicroelectronics	SM6T6V8A	DIODE TVS TRANSIL UNIDIR. 600W 6.8V SM6T6V8A SMB SMT	Digi-Key	497-6501-1-ND	SMD	SMB
49	1	TVS2	Micro Commercial Co	ESDLC5V0M5-TP	DIODE TVS TRANSIL UNIDIR. 20W 5V ESDLC5V0M5-TP SOT563 SMT	Digi-Key	ESDLC5V0M5-TPMSCT-ND	SMD	SOT666
50	1	U1	Infineon Technologies	BGA725L6E6327FTSA1	IC BGA725L6E6327FTSA1 INFINEON TSLP-6 SMT	Digi-Key	BGA725L6E6327FTSA1CT-ND	SMD	XFDNF6
51	1	U3	Texas Instruments	BQ24210DOCT	IC BQ24210DOCT TEXAS WSON10 SMT	Digi-Key	296-28738-1-ND	SMD	WSON10-EXP
52	1	U200	Texas Instruments	TPS63021DSJR	IC REG BCK BST 3.3V 3.5A 14VSON	Digi-Key	296-27259-1-ND	SMD	FP-DSJ0014A-MFG