

Item	ThirdNet PN	Description	Reference	Qty	Vendor	MPN	Value	Footprint
1	BXX000100	Battery 3.0V 220mAH 2032 SMT	B700	1	Panasonic	CR2032F2N	Battery	CR2032F2N
2	DTX000100	Diode ESD Protection 15pf +/-15KV ESD SOD-923 -55 to +150C	D500, D501, D502	3	On Semi	ESD9B5.0ST5G	ESD9B5.0ST5G	sod_923
3	DTX000200	Diode ESD Protection 15pf +/-15KV ESD SOD-923 -55 to +150C	D700, D701	2	On Semi	ESD9B3.3ST5G	ESD	sod_923
4	DLX000300	LED 3mm Round 20mA 2.1V TH 2-Pin RoHS	D702, D703	2	Nationstar佛	BT-202D-31	Green	LED_2p54MM
5	LXX000100	IND 1.0nH@100MHZ 300mA ±0.3nH 0402	L200	1	MURATA	LQG15HS1N0S02	1.0nH	LC0402_25
6	LPX000200	IND PWR 2.2uH@100KHZ 1.5A 0.072ohm 20% SMT 3X3X1.5MM RoHS	L201	1	Taiyo Yuden	NR3015T2R2M	2.2UH	NR3015
7	LXX000300	IND 3.9nH@100MHZ 300mA ±0.3nH 0402	L300, L302, L306, L308	4	MURATA	LQG15HS3N9S02	3.9nH	LC0402_25
8	LXX000400	IND 2.2nH@100MHZ 300mA ±0.3nH 0402	L301, L307	2	MURATA	LQG15HS2N2S02	2.2nH	LC0402_25
9	LXX000500	IND 2.0nH@100MHZ 300mA ±0.3nH 0402	L305, L311	2	MURATA	LQG15HS2N0S02	2.0nH	LC0402_25
10	LBX000600	IND FER 120 ohm@100MHZ 2.7A 25% 0603	L500, L1000, L1001, L1401, L1402	5	MURATA	BKP1608HS121	1200HM	s10603_0v
11	LPX000800	IND PWR 10uH@100KHZ 2.5A 20% SMT	L801, L802, L1100	3	Taiyo Yuden	NR6045T100M	10uH	NR6045
12	LXX000900	IND 4.7nH@100MHZ 300mA ±0.3nH 0402	L900, L901	2	MURATA	LQG15HS4N7S02	4.7nH	LC0402_25
13	LXX001000	IND 27nH@100MHZ 300mA ±5% 0402	L1200	1	MURATA	LQG15HS27NJ02	27nH	LC0402_25
14	QTP000200	Transistor PNP 60V 0.8A Hfe=100~300 SOT23 RoHS	Q800, Q801, Q802, Q803	4	Fairchild	MMBT2907A	MMBT2907A	SOT23
15	QTN000300	Transistor Low Noise Silicon Bipolar RF Transistor VHF-12GHz Power Gain=23.5dB@2.4G	Q900, Q901	2	infineon	BFR740L3RH	BFR740L3RH	TSLP-3-9
16	SXX000100	Switch SPST 100mA 50V TH	SW700	1	ONPOW	DS-03-R	SW PUSHBUTTON	SW-PUSH-RT
17	SXX000200	SW SPST DIP 4POS 100MA 50V TH	SW1300, SW1400	2	Onpow	DS-04-R	SW_DIP4	sw_dip8_4pos_th
18	TXX000100	Transformer single 10/100BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS RoHS	T600	1	Link-PP	LP1102NL	HN1102	TFMC16_280_50
19	TXX000200	Transformer Four 10/100BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS RoHS	T601	1	Link-PP	LP1164NL	HX1234NL	TFMC40_480_1125

20	IXX000100	IC IEEE 802.11n 2x2 2.4/5 GHz Premium SoC for Advanced WLAN WAsP 18X18 BGA409 RoHS	U200	1	Atheros	AR9344-DC3A	AR9344-18x18	BGA-409-27X27
21	IXX000200	IC DDR2 512Mb 8Mx4Banksx16bit 1.8V -40/95C WBG84 RoHS	U400, U401	2	Winbond	W9751G6KB-25i	SDRAM-DDR2-5	BGA-84-9X15-3
22	IXX000300	IC 4-Ports High_speed USB-HUB QFN36	U501	1	SMSC	USB2514i	USB2514i	QFN36
23	IXX000400	IC Dual-Channel USB Power Distribution Switch SOIC-8	U502	1	Sipex	SP2526-1	SP2526	SOIC8N
24	IXX000500	IC FLASH MEMORY SPI SERIAL 128Mbit 65536 PAGES 256 BYTE x8Bit 50MHz 2.7/3.6V SOIC-8 -40/+85C	U700	1	Winbond	W25Q128FVSiG	W25Q128FV	SOIC-8
25	IXX000700	IC Single Non-Inverting 3-State Buffer 1.65/5.5V -55/125C SC70-5 RoHS	U702	1	Onsemi	NL17SZ125DFT2G	NL17SZ125	sc70-5
26	IXX002200	IC 2A/1.5MHz Synchronous Step-Down Converter with Soft Start 2.7V/5.5V -40/85C TDFN-10 RoHS	U801, U802	2	Eutech	EUP3420-JIR1	EUP3420	TDFN-10
27	IXX000900	IC 2.4G-2.5GHz WLAN Power Amplifier Gain=35dB 4x4mm MCM10 RoHS	U900, U902	2	Skyworks	SKY65174-21	SKY65174	MCM_10
28	IXX001000	IC RF Switch 0.5-6Ghz GaAs SPDT Switch -40/85C DFN6 RoHS	U901, U903	2	Skyworks	SKY13370-374LF	SKY13370-374	DFN_6
29	IXX001100	IC USB 2.0 to SD/MMC interface QFN36 RoHS	U1000	1	SMSC	USB2241i	USB2241i	QFN36_USB2241
30	IXX000800	IC 3A/340KHz 4.5-18V Synchronous Step-Down Converter with Soft Start -40/85C SOP8 RoHS	U1100	1	Richtek	RT7270HZSP	RT7270	SOP8_PAD
31	MXX001000	Module GPS BDS Sensitivity=-167dBm -40/85C LCC18 RoHS	U1200	1	Quectel	L76B	L76B	LCC_18_MAX7C
32	YCX000100	Crystal 25MHz 20pf 30ppm SMD 4pin 3.2*2.5*0.7mm -40/125C RoHS	X300	1	TXC	7M25000039	25MHz	xtal4_sx_3225
33	YCX000200	Crystal 24MHz 16pf 30ppm SMD 4pin 3.2*2.5*0.7mm -40/125C RoHS	X500, X1000	2	TXC	7M24000018	24MHz	xtal4_sx_3225
34	YCX000300	Crystal 32.768KHz	X700	1	TXC		32.768KHz	
35	PCB000100	PCB 2.4G WIFI 2X2MIMO GPS/3G/FEC/SD V1.4		1				
36	MXX000600	Module 4G TD-LTE/TD_SCDMA/GSM PCI-e RoHS		1	Huawei	ME909s-821	TD-LTE	Mini-PCI-e