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1 0.8pF	CAPACITOR0402_CAP	•
7 100k	RESISTOR0402_RES	<del>_</del>
2 100k	RESISTOR0603_RES	<del></del>
7 100nF	CAPACITOR0402_CAP	
10 10k	RESISTOR0402 RES	<del>_</del>
3 10nF	CAPACITOR0402_CAP	<b>—</b>
1 10uF	CAPACITOR0805_CAP	
1 10uF	CAP_POL1206	1206
1 10uH	INDUCTOR0603	0603_CAP
1 12k	RESISTOR0402_RES	0402_RES
4 12pF	CAPACITOR0402_CAP	0402_CAP
2 150	RESISTOR0402_RES	0402_RES
1 15nH	INDUCTOR0402	0402_CAP
1 16MHz	TXC-8Y	TXC-8Y
1 1825057-1	1825057-1	SWDIP4_300X138P100
2 1k	FERRITE_BEAD0402	0402_CAP
3 1k	RESISTOR0402_RES	0402_RES
2 1nF	CAPACITOR0402_CAP	0402_CAP
1 1uF	CAPACITOR0402_CAP	0402_CAP
1 2.2nF	CAPACITOR0402_CAP	0402_CAP
1 2.2uF	CAP_POL1206	1206
1 270k	RESISTOR0603_RES	0603-RES
1 3.48k	RESISTOR0603_RES	0603-RES
1 32.768k	ABS05-32.768KHZ-9-T	
1 330pF	CAPACITOR0402_CAP	
1 4.4pF	CAPACITOR0603_CAP	
2 4.7uF	CAPACITOR0402_CAP	<del>_</del>
1 47nF	CAPACITOR0402_CAP	<b>—</b>
1 487k	RESISTOR0402_RES	<del>_</del>
	RESISTOR0603_RES	
1 5.6nH	INDUCTOR0402	<del>_</del>
1 5K	RESISTOR0402_RES	<del>_</del>
1 ANT3216A063R2400A		
1 AOM-4546P-R	AOM-4546P-R	MIC_AOM-4546P-R
1 B3U-1000P	B3U-1000P	B3U-1000P
1 BAL-NRF01D3	BAL-NRF01D3	BAL-NRF01D3
1 BGA725L6-ALT	BGA725L6-ALT	LNA-TSLP-6-2-ALT
3 BLUE	LED0603	LED-0603
1 DM3AT-SF-PEJM5	DM3AT-SF-PEJM5	DM3AT-SF-PEJM5
1 DS2401P+	DS2401P+	21-0382
1 ELECTRON	ELECTRON	ELECTRON_SINGLE-ROW
1 GPS-ANTENNA	GPS-ANTENNA	ANT1818B00BT1516S
1 ISL29035	ISL29035	ODFN-6-1.5MMX1.6MM
1 JUMPER-3SMD	JUMPER-3SMD	SJ_3
1 MAX-M8 1 MAX740XESA	MAX-M8 MAX740XESA	MAX-M8 SOIC-8
		QFN-24/3MM
1 MPU-9250	MPU-9250	
1 NRF51822QF	NRF51822QF	QFN-48-6MM

2 OPA322AIDBVT	OPA322AIDBVT	SOT23-5
1 PTS645SM43SMTR92	PTS645SM43SMTR92	PTS645
1 SAFFB1G56KB0F0A	FILTERS	QCS5I
6 SIP32510	SIP32510	TSOT23-6

1 TC2030-JLINK-NL	TC2030-JLINK-NL	TC2030-IDC-NL	DNP	
30 TEST_POINT_0.040IN	TEST_POINT_0.040IN	TESTPOINT_0.040IN	DNP	

1 27uH Through hole inductor WRL-13678 Through Hole Inductor WRL-13678

1 WRL-13678

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Parts
C1
R16, R17, R18, R19, R20, R21, R26
R22, R23
C15, C16, C17, C18, C19, C20, C21
R8, R9, R10, R11, R12, R13, R14, R24, R27, R30
C11, C12, C13
C27
C28
L3
R15
C3, C4, C5, C6
R2, R3
L2
X2
APN_SWITCH
L4, L5
R4, R5, R6
C8, C9
C22
C10
C23
R25
R7
X1
C7
C2
C25, C26
C14
R28
R1
L1
R29
Α1
MK1
S1
В1
U1
D1, D2, D3
J1
SERIAL
ASSY1
A2
U3
JP1
U4
U5
U14
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U7

U8, U15

S2

U2

U6, U9, U10, U11, U12, U13

J2

TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP2

L6

ASSY2

 Description
 DESCRIPTION

 SMD Capacitor
 CAP CER 0.8PF 50V C0G/NP0 0402

 Resistor
 RES SMD 100K OHM 1% 1/16W 0402

 Resistor
 RES SMD 100K OHM 1% 1/10W 0603

 SMD Capacitor
 CAP CER 0.1UF 10V X7R 0402

 Resistor
 RES SMD 10K OHM 1% 1/16W 0402

 SMD Capacitor
 CAP CER 10000PF 50V X7R 0402

 SMD Capacitor
 CAP CER 10000PF 50V X7R 040

 SMD Capacitor
 CAP CER 10UF 10V X7R 0805

 CAP TANT 10UF 20V 10% 1206

A very specific inductor FIXED IND 10UH 50MA 900 MOHM SMD
Resistor RES SMD 12K OHM 1% 1/16W 0402

SMD Capacitor CAP CER 12PF 50V C0G/NP0 0402
Resistor RES SMD 150 OHM 1% 1/16W 0402
A very specific inductor FIXED IND 15NH 320MA 460 MOHM

2mmx1.6mm SMD Crystal CRYSTAL 16.0000MHZ 8PF SMD

A through hole two position dip switch
FERRITE BEAD 1 KOHM 0402 1LN

Resistor RES SMD 1K OHM 1% 1/16W 0402 SMD Capacitor CAP CER 1000PF 100V 10% X7R 0402

SMD Capacitor CAP CER 1UF 10V X7S 0402

SMD Capacitor CAP CER 2200PF 25V 10% X7R 0402 CAP TANT 2.2UF 16V 10% 1206

Resistor RES SMD 270K OHM 1% 1/10W 0603
Resistor RES SMD 3.48K OHM 1% 1/10W 0603

32.768kHz Crystal
SMD Capacitor
CAP CER 330PF 50V C0G/NP0 0402

SMD Capacitor

SMD Capacitor

CAP CER RF 4.4PF 50V +/-0.1 PF C

SMD Capacitor

CAP CER 4.7UF 6.3V X5R 0402

CAP CER 0.047UF 16V X7R 0402

Resistor

RES 487K OHM 1/16W 1% 0402 SMD

Resistor RES SMD 49.9 OHM 1% 1/10W 0603 A very specific inductor FIXED IND 5.6NH 1.77A 40 MOHM

Resistor RES SMD 150 OHM 1% 1/16W 0402 Yageo 2.4GHz

Yageo 2.4GHz
Electret microphone

50 ohm nominal input / conjugate match balun to nRF51422-QFAA,

IC AMP MMIC RF LNA 20DB TSLP-6 LED

CONN MICRO SD R/A PUSH-PUSH SMD
A one wire serial number chip.

Two 18 position headers!

18 Position header

PATCH ANT CRE/CLO CREAD

PATCH ANT GPS/GLO CP SMD Optical Sensor Ambient 550nm I2C

Soldered to "IND\_ANT" by default

IC RECEIVER GPS/GNSS 18LCC

GYRO/ACCEL/COMPASS/9-AXIS

Multiprotocol Bluetooth® 4.0 low energy/2.4 GHz RF SoC

Switch

Tactile Switch SPST-NO Top Actuated Surface Mount

Load switch, slew rate controlled. By Vishay

0.040in Test Point
A large through hole inductor for an antenna
ESP8266 WiFi Module

DIGIKEY 490-6269-1-ND 1276-3432-1-ND 541-2972-1-ND 490-10777-1-ND RMCF0402FT10K0CT-ND 490-8316-1-ND 490-8316-1-ND 490-8481-1-ND 490-4025-1-ND RMCF0402FT12K0CT-ND 490-6197-1-ND RMCF0402FT150RCT-ND 587-1521-1-ND 887-2003-1-ND 490-4003-1-ND RMCF0402FT1K00CT-ND 490-6366-1-ND 490-14457-1-ND 718-1131-1-ND 541-270KHCT-ND 535-11897-1-ND 490-6233-1-ND 490-6233-1-ND 490-1420-1-ND 490-11420-1-ND YAG2372CT-ND 541-3003-1-ND 490-11766-1-ND RMCF0402FT150RCT-ND 311-1542-1-ND	MANUFACTURER Murata Samsung Vishay Murata Stackpole Electronics Murata AVX Murata Stackpole Electronics Murata Stackpole Electronics Taiyo Yuden TXC TE Connectivity Murata Stackpole Electronics Murata Vishay Vishay Vishay Vishay Vishay Abracon Murata KEMET TDK Murata Yageo Vishay Murata Stackpole Electronics Murata KEMET TDK Murata Yageo Vishay Murata Stackpole Electronics YAGEO	MOUSER	MPN GRM1555C1HR80BA01 RC1005F104CS CRCW0603100KFKEB GRM155R71A104JA01I RMCF0402FT10K0 GRM155R71H103JA88I GRM21BR71A106ME51 F951D106KSAAQ2 LQM18FN100M00D RMCF0402FT12K0 GRM1555C1H120GA01 RMCF0402FT150R HK100515NJ-T 8Y-16.000MAAV-T 18250571 BLM15HD102SN1D RMCF0402FT1K00 GRM155R72A102KA01  GRM155R71E222KA01  293D225X9016A2TE3 CRCW0603270KFKEA CRCW06033K48FKEA ABS05-32.768KHZ-9-T GRM1555C1H331FA01  CBR06C449B5GAC C1005X5R0J475K050B  GRM155R71C473KA01  RC0402FR-07487KL CRCW060349R9FKTA LQW15AN5N6B80D RMCF0402FT150R ANT3216A063R2400A
668-1224-ND SW1020CT-ND 497-13637-1-ND BGA725L6E6327FTSA1CT-ND 160-1837-6-ND	Omron STMicroelectronics Infineon	511-BAL-NRF01D3	B3U-1000P BAL-NRF01D3 BGA725L6E6327FTSA1
HR1964CT-ND DS2401P+-ND S7051-ND,S7051-ND 311-1531-ND ISL29035IROZ-T7CT-ND	Maxim Integrated Sullins Yageo		DS2401P+ PPPC181LFBN-RC ANT1818B00BT1516S ISL29035IROZ-T7
672-1003-1-ND MAX7405ESA+-ND 1428-1019-1-ND	u-blox MAX7405ESA+-ND		MAX-M8Q-0 MAX7405ESA+
1490-1049-1-ND	Nordic Semi	949-NRF51822-QFAC-R7	NRF51822-QFAC-R7

296-29511-1-ND CKN9112CT-ND		
587-3990-1-ND	Taiyo Yuden	F6QA1G582H2JM-J
SIP32510DT-T1-GE3CT-ND	Vishay	SIP32510DT-T1-GE3
445-173093-ND 1568-1235-ND	TDK	WR222230-26M8-G

ROCHESTER_ELECTRONICS	plugwatcn_bom
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MAX7405ESA