

Qty	Ref-Des	Value
1	C0	3.3pF
1	C1	33pF
2	C2, C9	100pF
2	C3, C10	100nF
1	C4	2.2uF
2	C5, C7	N.F.
2	C6, CC2	68pF
2	C12, C13	12pF
1	C23	100nF
1	CM	5.1pF
1	CM1	2.7pF
2	CM2, CM3	4.7pF
1	CR1	3.0pF
1	CR2	1.0pF
1	CS1	
5	GND, GND1, TP3, TXRAMP, XOUT	
1	J1	N.F.
1	L0	15nH
2	LC1, LC2	51nH
1	LC3	3.9nH
1	LF	0R
1	LM1	12nH
1	LM2	11nH
1	LM3	9.1nH
1	LR1	20nH
1	LR2	24nH
1	Q1	30MHz
1	Q2	32.768kHz
1	R1	4R7
2	R4, R10	100k
1	R5	N.F.
8	SJ1, SJ2, SJ3, SJ5, SJ7, SJ8, SJ9, SJ10	
1	SJ4	
1	TRX	
1	U1	Si4463
1	U2	25AA080C
1	U3	uPG2214TB

Description	Type	Tolerance
Ceramic Chip Capacitor		+/-0.25pF
Ceramic Chip Capacitor		+/-5%
Ceramic Chip Capacitor		+/-5%
Ceramic Chip Capacitor		+/-10%
Ceramic Chip Capacitor		+/-10%
Ceramic Chip Capacitor		+/-5%
Ceramic Chip Capacitor		+/-5%
Ceramic Chip Capacitor		+/-10%
Ceramic Chip Capacitor		+/-0.5pF
Ceramic Chip Capacitor		+/-0.25pF
Ceramic Chip Capacitor		+/-0.25pF
Ceramic Chip Capacitor		+/-0.25pF
Ceramic Chip Capacitor		+/-0.25pF
2X20 PIN Header	SBH11-PBPC-D20-RA-BK	
Testpoint		
2x6 PIN Header, Dual Row, Vertical	70246-1202	
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Chip Resistor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Wire Wound Chip Inductor for High Frequency		±5%
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Crystal	TZ1430A	10ppm
SMD Tuning Fork Crystal	TZ1006A	20ppm
Chip Resistor		+/-5%
Chip Resistor		+/-5%
Chip Resistor		+/-5%
1X2 Pin Solderable Jumper		
Solderable jumper	3 Pin, Pin1-2 shorted	
Female SMA Connector	5-1814400-1	
ISM TRANSCEIVER	Si4463	
8K SPI Bus Serial EEPROM		
L, S-Band SPDT Switch	uPG2214TB	

4463-TCE20C868.pcb

Rated Voltage <sup>2</sup>	Rated Current <sup>2</sup>	Rated Power <sup>2</sup>	TC Code <sup>2</sup>
50V			C0G
50V			C0G
50V			C0G
16V			X7R
10V			X5R
50V			C0G
50V			C0G
25V			X7R
50V			C0G
50V			C0G
50V			C0G
50V			C0G
50V			C0G

1100mA  
330mA  
1700mA

1/16W

1200mA  
1400mA  
540mA  
780mA  
700mA

1/16W

1/10W

1.8V - 3.6V

1.8V-5.5V

1.8-5.3V

<b>Package</b>	<b>RoHS</b>	<b>Manufacturer</b>
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0603	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0603	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	Murata
2.54mm (100"), Dual Row, Right Angle	RoHS Compliant	Sullins Connector Solutions
2.54mm (100")	RoHS Compliant	Molex
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	Yageo
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	Murata
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
Ceramic SMD; 2.5X2X0.6mm	RoHS	Tai-Saw Technology
Ceramic SMD, 3.2x1.5mm	RoHS	Tai-Saw Technology
SMD 0402	RoHS Compliant	Yageo
SMD 0603	RoHS Compliant	Yageo
SMD 0603	RoHS Compliant	Yageo
Through Hole; Right Angle	RoHS Compliant	Tyco Electronics
QFN-20 4x4mm	RoHS	Silicon Labs
TSSOP-8	RoHS	Microchip
6-pin super minimold	RoHS	NEC

<b>Manufacturer Part Number</b>	<b>Distributor</b>	<b>Distributor Part Number</b>
GRM1555C1H3R3C	DIGIKEY	490-1270-2-ND
GRM1555C1H330J	DIGIKEY	490-3220-2-ND
GRM1555C1H101J	DIGIKEY	490-3458-2-ND
GRM155R71C104K	DIGIKEY	490-3261-2-ND
GRM188R61A225K	DIGIKEY	490-1545-2-ND
GRM15 series		
GRM1555C1H680J	DIGIKEY	490-1289-2-ND
GRM1555C1H120J	DIGIKEY	490-1279-2-ND
GRM188R71E104K	DIGIKEY	490-1524-2-ND
GRM1555C1H5R1D	DIGIKEY	490-3208-2-ND
GRM1555C1H2R7C	DIGIKEY	490-1269-2-ND
GRM1555C1H4R7C	DIGIKEY	490-1273-2-ND
GRM1555C1H3R0C	DIGIKEY	490-3205-2-ND
GRM1555C1H1R0C	DIGIKEY	490-3199-2-ND
SBH11-PBPC-D20-RA-BK	Digikey	S9183-ND
70246-1202	DigiKey	70246-1202-ND
0402HP-15NXJL		
0402HP-51NXJL		
0402HP-3N9XJL		
RC0402JR-070RL	DIGIKEY	311-0.0JRTR-ND
0402HP-12NXJL		
0402HP-11NXJL		
LQW15AN9N1J00D	DIGIKEY	490-1145-1-ND
0402HP-20NXJL		
0402HP-24NXJL		
TZ1430A		
TZ1006A		
RC0402JR-074R7L	DIGIKEY	311-4.7JRCT-ND
RC0603JR-07100KL	DIGIKEY	311-100KGRTR-ND
RC0603 series		
5-1814400-1	Digikey	A97593-ND
Si4463		
25AA080C	DIGIKEY	25AA080C-I/ST-ND
uPG2214TB	Digikey	UPG2214TB-A-ND