

Qty	Ref-Des	Value
1	C0	8.2pF
1	C1	33pF
1	C2	100pF
2	C3, C10	100nF
1	C4	2.2uF
2	C5, C7	N.F.
3	C6, C9, CC2	150pF
2	C12, C13	12pF
1	C23	100nF
1	CM	13pF
3	CM1, CM2, CM3	9.1pF
1	CR1	3.9pF
1	CR2	2.2pF
1	CS1	
5	GND, GND1, TP3, TXRAMP, XOUT	
1	J1	N.F.
1	L0	30nH
1	LC	220nH
1	LF	0R
1	LM1	27nH
1	LM2	22nH
1	LM3	15nH
1	LR1	56nH
1	LR2	51nH
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		+/-0.5pF
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		+/-5%
Ceramic Chip Capacitor		+/-0.5pF
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%
Chip Resistor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-5%
Wirewound Ceramic Chip Inductor		+/-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		
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-TCE20C460.pcb

Rated Voltage?	Rated Current?	Rated Power?	TC Code?
50V			C0G
50V			C0G
50V			C0G
16V			X7R
10V			X5R
50V			C0G
50V			C0G
25V			X7R
50V			C0G
50V			C0G
50V			C0G
50V			C0G

450mA
160mA

1/16W

450mA
800mA
1100mA
320mA
330mA

1/16W

1/10W

1.8V - 3.6V

1.8V-5.5V

1.8-5.3V

Package	RoHS	Manufacturer
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
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	Yageo
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
SMD 0402	RoHS Compliant	CoilCraft
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

Manufacturer1

Manufacturer Part Number	Distributor	Distributor Part Number
GRM1555C1H8R2D	DIGIKEY	490-3213-2-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		
GRM1555C1H151J	DIGIKEY	490-3229-2-ND
GRM1555C1H120J	DIGIKEY	490-1279-2-ND
GRM188R71E104K	DIGIKEY	490-1524-2-ND
GRM1555C1H130JZ01D	DIGIKEY	490-3217-2-ND
GRM1885C1H9R1D	DIGIKEY	490-1402-2-ND
GRM1555C1H3R9C	DIGIKEY	490-1272-2-ND
GRM1555C1H2R2C	DIGIKEY	490-1267-2-ND
SBH11-PBPC-D20-RA-BK	Digikey	S9183-ND
70246-1202	DigiKey	70246-1202-ND
0402HP-30NXJL		
0402HPH-R22XJL		
RC0402JR-070RL	DIGIKEY	311-0.0JRTR-ND
0402HP-27NXJL		
0402HP-22NXJL		
0402HP-15NXJL		
0402HP-56NXJL		
0402HP-51NXJL		
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

Manufacturer²	Manufacturer Part Number²	Manufacturer2	Distributor²
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Murata	LQW15AN30NJ00D		Digikey
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Murata	LQW15AN27NJ00D		Digikey
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Murata	LQW15AN22NJ00D		Digikey
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Murata	LQW15AN15NJ00D		Digikey
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Murata	LQW15AN56NJ00D		Digikey
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Murata	LQW15AN51NJ00D		Digikey
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Distributor Part Number

LQW15AN30NJ00D-ND

490-1151-1-ND

490-1150-1-ND

490-1148-1-ND

490-1155-1-ND

LQW15AN51NJ00D-ND