

Qty	Ref-Des	Value	Description
4	C0, C2, C9, CC2	470pF	Ceramic Chip Capacitor
1	C1	100pF	Ceramic Chip Capacitor
2	C3, C10	100nF	Ceramic Chip Capacitor
1	C4	2.2uF	Ceramic Chip Capacitor
2	C5, C7	N.F.	Ceramic Chip Capacitor
1	C8	3.0pF	Ceramic Chip Capacitor
1	C12	2.0pF	Ceramic Chip Capacitor
3	C15, C16, CR1	12pF	Ceramic Chip Capacitor
1	C23	100nF	Ceramic Chip Capacitor
2	CH, CM3	11pF	Ceramic Chip Capacitor
2	CM1, CM2	18pF	Ceramic Chip Capacitor
1	CR2	6.2pF	Ceramic Chip Capacitor
1	CS1		2X20 PIN Header
5	GND, GND1, TP3, TXRAMP, XOUT		Testpoint
1	J1	N.F.	2x6 PIN Header, Dual Row, Vertical
1	LC	330nH	Wirewound Ceramic Chip Inductor
1	LF	0R	Chip Resistor
1	LH	82nH	Wirewound Ceramic Chip Inductor
2	LM1, LM3	47nH	Wirewound Ceramic Chip Inductor
1	LM2	68nH	Wirewound Ceramic Chip Inductor
1	LM4	27nH	Wirewound Ceramic Chip Inductor
1	LR1	220nH	Wirewound Ceramic Chip Inductor
1	LR2	150nH	Wirewound Ceramic Chip Inductor
1	Q1	30MHz	Crystal
1	Q2	32.768kHz	SMD Tuning Fork Crystal
1	R1	4R7	Chip Resistor
2	R4, R10	100k	Chip Resistor
1	R5	N.F.	Chip Resistor
7	RDC, SJ1, SJ2, SJ3, SJ5, SJ7, SJ8		1X2 Pin Solderable Jumper
1	RH	50R	Chip Resistor
1	SJ4		Solderable jumper
1	TRX		Female SMA Connector
1	U1	Si4463	ISM TRANSCEIVER
1	U2	25AA080C	8K SPI Bus Serial EEPROM

4463-TSQ20D16

Type	Tolerance	Rated Voltage	Rated Current	Rated Power
	+/-5%	50V		
	+/-5%	50V		
	+/-10%	16V		
	+/-10%	10V		
	+/-0.25pF	50V		
	+/-0.25pF	50V		
	+/-5%	50V		
	+/-10%	25V		
	+/-5%	50V		
	+/-5%	50V		
	+/-0.5pF	50V		
SBH11-PBPC-D20-RA-BK				
70246-1202				
	+/-5%			
	+/-5%			1/16W
	+/-5%		315mA	
	+/-5%		420mA	
	+/-5%		320mA	
	+/-5%		450mA	
	+/-5%		160mA	
	+/-5%		240mA	
TZ1430A	10ppm			
TZ1006A	20ppm			
	+/-5%			1/16W
	+/-5%			1/10W
	+/-1%			1/16W
3 Pin, Pin1-2 shorted				
5-1814400-1				
Si4463		1.8V - 3.6V		
		1.8V-5.5V		

i9.pcb

TC Code	Package	RoHS
C0G	SMD 0402	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
X7R	SMD 0402	RoHS Compliant
X5R	SMD 0603	RoHS Compliant
	SMD 0402	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
X7R	SMD 0603	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
C0G	SMD 0402	RoHS Compliant
C0G	SMD 0403	RoHS Compliant
	2.54mm (100"), Dual Row, Right Angle	RoHS Compliant
	2.54mm (100")	RoHS
	SMD 0603	
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	SMD 0402	RoHS Compliant
	Ceramic SMD; 2.5X2X0.6mm	RoHS
	Ceramic SMD, 3.2x1.5mm	RoHS
	SMD 0402	RoHS Compliant
	SMD 0603	RoHS Compliant
	SMD 0603	RoHS Compliant
	SMD 0402	RoHS Compliant
	Through Hole; Right Angle	RoHS
	QFN-20 4x4mm	RoHS
	TSSOP-8	RoHS

Manufacturer	Manufacturer Part Number	Distributor
Murata	GRM1555C1H471JA01D	DIGIKEY
Murata	GRM1555C1H101J	DIGIKEY
Murata	GRM155R71C104K	DIGIKEY
Murata	GRM188R61A225K	DIGIKEY
Murata	GRM15 series	
Murata	GRM1555C1H3R0C	DIGIKEY
Murata	GRM1555C1H2R0C	DIGIKEY
Murata	GRM1555C1H120J	DIGIKEY
Murata	GRM188R71E104K	DIGIKEY
Murata	GRM1555C1H110J	DIGIKEY
Murata	GRM1555C1H180J	DIGIKEY
Murata	GRM1885C1H6R2D	DIGIKEY
Sullins Connector Solutions	SBH11-PBPC-D20-RA-BK	Digikey
Molex	70246-1202	DigiKey
CoilCraft	0603CS family	
Yageo	RC0402JR-070RL	DIGIKEY
CoilCraft	0402HP-82NXJL	
CoilCraft	0402HP-47NXJL	
CoilCraft	0402HP-68NXJL	
CoilCraft	0402HP-27NXJL	
CoilCraft	0402HPH-R22XJL	
CoilCraft	0402HPH-R15XJL	
Tai-Saw Technology	TZ1430A	
Tai-Saw Technology	TZ1006A	
Yageo	RC0402JR-074R7L	DIGIKEY
Yageo	RC0603JR-07100KL	DIGIKEY
Yageo	RC0603 series	
Yageo	RC0402FR-0749R9L	DIGIKEY
Tyco Electronics	5-1814400-1	Digikey
Silicon Labs	Si4463	
Microchip	25AA080C	DIGIKEY

Distributor Part Number

490-1297-1-ND

490-3458-2-ND

490-3261-2-ND

490-1545-2-ND

490-3205-2-ND

490-3204-2-ND

490-1279-2-ND

490-1524-2-ND

490-3216-2-ND

490-1281-2-ND

490-1394-2-ND

S9183-ND

70246-1202-ND

311-0.0JRTR-ND

311-4.7JRCT-ND

311-100KGRTR-ND

311-49.9LRTR-ND

A97593-ND

25AA080C-I/ST-ND