

QTY	REF-DES	Value	Tolerance
	Capacitors		
2	C1 C71	30pF	5%
3	C10L C11L C8L	.22uF	10%
4	C1L C3L C5L C9L	100uF	
1	C2	.1uF	10%
1	C22	4.7uF	10%
2	C2L C7L	.1uF	10%
11	C3 C21 C24 C12L C12L1 C13L C13L1 CD1-4	.01uF	10%
2	C4L C6L	.47uF	10%
	Diodes/Ferrite Beads		
1	D1	25v	
2	D2 D4	25v	
1	D3	25v	
1	FBEAD	470 ohms @ 10MHz	2%
	Inductors		
1	L1L	22uH	10
1	L2L	1k 100mA	
1	L3L	220uH	10%
	Resistors		
1	R1	100	5%
1	R2	11k	1%
1	R3	10k	1%
2	R33-34	1k	1%
3	R39-41	2k	1%
1	R4	15	5%
1	R42	47k	1%
1	R43	2.7k	5%
1	R44	1.02k	5%
1	R5	100	5%
8	R51 R59-65	10K	5%
2	R54-55	47k	5%
7	R7 R45-50	47k	
	Active Devices		
2	U13-14		
2	U15-16		
6	U1-6		
1	U21		
1	U22		
1	U23		
10	U7-12 U17-20		
	Hardware		
1	J1	USB Connector	
2	COMP RF_BOARD		
7	S1-7		

2	ARM START	Normally Off	
30	DRXA DRXB DRXC DRXD DTXA DTXB DTXC DTXD JEN JGAIN JMODE USB J1-19	Open	
9	+8V 3V ADDR ARM_MONITOR DSQOUT EXTM EXT_CLK GROUND START_MONITOR		

Description	Part Number
0603 Capacitor	GRM1885C1H300J
0603 Capacitor	GRM188R71E224K
Electrolytic Cap	35MV100AX
0603 Capacitor	GRM188R71C104K
0603 Capacitor	GRM188R60J475K
0603 Capacitor	GRM188R71E104K
0603 Capacitor	GRM188R71E103K
0603 Capacitor	GRM188R71E474K
Schottky SOD123 package	EP05Q03L
Schottky SOD123 package	BAT43W
Schottky radial package	1N4001
0603 Ferrite Bead	BLM18HG471SN1D
1210 inductor	LQH3C221K34
0603 Ferrite Bead	BLM18BD102 SN1D
1812 Inductor	LQH43CN221K03
1206 Resistor	
1206 Resistor	
1206 Resistor	
0603 Resistor	
1206 Resistor	
1206 Resistor	
1206 Resistor	
2010 Resistor	
2010 Resistor	
2010 Resistor	
2010 Resistor	
1206 Resistor	
SIP RESISTOR 10 PINS 9 RESISTORS TO +5V	4310R-101-473
SYNC 4 BIT UP/DOWN BINARY COUNTER	74HC193
DUAL D-TYPE POSITIVE-EDGE TRIGGERED FLIP FLOP	74HC74
PARALLEL-LOAD 8-BIT SHIFT REGISTER	74HC165
DECADE COUNTER	MC74HC4017(J,N,D)
LNB supply and control IC with Step up and I2C interface	LNBH23
FTDI USB-to Parallel RS245 IC	FT245R
QUAD 2-INPUT POS-NAND GATE	74HC00
USB Connector, B Type	AU_Y1007
0.1 Centers 2x10 Header	PEC36DAAN
DIPSW 8 pos	206-8

Momentary Switch SPST NOFF	FSM2JSMA
Jumper Block, 2 Pins 0.1 Spacing"	PEC36SAAN
Single Gold Pin	PBC36SAAN

Manufacturer
Murata
Murata
SANYO
Murata
Murata
Murata
Murata
Murata
Nihon
General Semiconductor
Philips Semiconductor
Murata
Murata
Murata
Murata
Bourns
TI
TI
TI
MOTOROLA
ST
Saelig Co.
TI
Assman Electronics
Sullins
CTS Corp

Tyco Electronics
Sullins
Sullins