























Qty	Value	Device
Qıy	1 2450BM15A0002	2450BM15A0002
	1 1pF	C-EUC0402
	31nF	C-EUC0402
	9 100nF	C-EUC0402
	1 2.7pF	C-EUC0402
	2 1uF	C-EUC0603
	1 2.2uF	C-EUC0402
	13pF	C-EUC0402
	1 6.8pF	C-EUC0402
	1 15pF	C-EUC0402
	13.9pF	C-EUC0402
	4 27pF	C-EUC0402
	1	LED0603
	1	LED0603
	1	LED0603
	2 1k Ohm	INDUCTOR0603
		INDUCTOR0003
	15.1nH	
	1 1k Ohm	INDUCTOR0402
	4 1nH	INDUCTOR0402
	11.1nH	INDUCTOR0402
	11.5nH	INDUCTOR0402
	1 2nH	INDUCTOR0402
	2 MOLEX_73251-135X	MOLEX_73251-135X
	2 BBB_HEADERS	BBB_HEADERS
	3	470 R-US_R0402
	2 5.6k 5%	R-US_R0402
	1 10k 1%	R-US_R0402
	2 56k 1%	R-US_R0402
	1 330k 1%	R-US_R0402
	2 1M 1%	R-US_R0402
	2 1k 1%	R-US_R0402
	1 4.3k	R-US_R0402
	3 4.75k	R-US_R0402
	2 CC2520	CC2520
	1 CAT24C256WI-GT3	CAT24C256WI-GT3
	1 CC2591	CC2591
	1 JUMPER-PTH-2-NO	JUMPER-PTH-2-NO
	2 NX2520SA	NX2520SA

Package

2450BM

C0402

C0402

C0402

C0402

C0603

C0402

C0402

C0402

C0402

C0402

C0402

LED-0603

LED-0603

LED-0603

L0603

C0402

C0402

C0402

C0402

C0402

C0402

SMA-J/PCB

BBB_HEADERS

R0402

R0402

R0402

R0402

R0402

R0402

R0402

R0402 R0402

S-PVQFN-N28

SOIC-8

PVQFN-16

PTH-JUMPER-2-NO_NO_SILK

NX2520SA

Parts В1 C1 C11, C12, C13 C14, C15, C16, C17, C18, C19, C20, C21, C22 C23, C24 C25 C3 C4 C5 C6 C7, C8, C9, C10 D1 D2 D3 L1, L2 L10 L11 L3, L4, L5, L6 L7 L8 L9 P1, P2 P9, P8 R1, R2, R3 R10, R11 R12 R13, R14 R15

R16, R17 R4, R5 R6

R7, R8, R9 U1, U2 U3 U4 WRT X1, X2

Description

BALUN JTI MATCHED ZIGBEE

Capacitor, 1p, 0402, NP0, +/-0.1pF 50V

Capacitor, 1n, 0402, NP0, 5%, 50V

Capacitor, 100n, 0402, X5R, 10%, 10V

Capacitor, 2p7, 0402, NP0, +-0.25pF, 50V

Capacitor, 1u0, 0402, X5R, 10%, 6.3V

Capacitor, 2u2, 0402, X5R, 20%, 4V

Capacitor, 3p, 0402, NP0, +-0.25pF, 50V

Capacitor, 6p8, 0402, NP0, +-0.25pF 50V

Capacitor, 15p, 0402, NP0, 5%, 50V

Capacitor, 3p9, 0402, NP0, +-0.25pF, 50V

Capacitor, 27p, 0402, NP0, 5%, 50V

LEDs

LEDs

LEDs

EMI filter bead, 0603 1Kohms GHz Band Gen Use

Inductor, 5n1, 0402, +/-0.3 nH

EMI filter bead, 0402 1Kohms GHz Band Gen Use

Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH

Inductor, 1n1, 0402, Monolithic type, +/-0.3 nH

Inductor, 1n5, 0402, wire-wound type, +/-0.1 nH

Inductor, 2n0, 0402, +/-0.3 nH

SMA JACK SMT 50 OHM

2x23 Pin Header

RESISTOR, American symbol

2.4 GHZ IEEE 802.15.4/ZIGBEE® RF TRANSCEIVER

256kb Serial CMOS EEPROM

2.4GHz Range Extender

2x1 Pin Header

CRYSTAL 32MHZ 10PF SMD

DIGIKEY	SAMTEC	MAJOR LEAGUE
712-1536-1-ND	SAIVITEC	MAJOR LEAGUE
490-6206-1-ND		
490-3244-1-ND		
490-1318-1-ND		
490-5934-1-ND 490-1550-1-ND		
490-4518-1-ND		
490-4518-1-ND 490-5872-1-ND		
490-5949-1-ND 490-5888-1-ND		
490-1272-1-ND		
490-1272-1-ND 490-5869-1-ND		
160-1834-1-ND		
160-1835-1-ND		
160-1837-1-ND		
490-1015-1-ND		
490-6573-1-ND		
490-3999-1-ND		
490-2610-1-ND		
490-6567-1-ND		
490-6782-1-ND		
490-6569-1-ND		
WM9357-ND		
	SSW-123-03-T-D	SSHQ-123-D-08-G-LF
RHM470JCT-ND		-
RHM5.6KCGCT-ND		
RHM10.0KCDCT-ND		
P56.0KLCT-ND		
RHM330KCFCT-ND		
RHM1.00MCDCT-ND		
RHM1.00KCDCT-ND		
1276-4078-1-ND		
1276-4083-1-ND		
296-22996-1-ND		
CAT24C256WI-GT3OSCT-ND		
296-23603-1-ND		
SAM1081-02-ND	TSW-102-26-S-S	
644-1065-1-ND		

Manufacturer part number:

2450BM15A0002E

GRM1555C1H1R0BA01D

GRM1555C1H102JA01D

GRM155R61A104KA01D

GRM1555C1H2R7CA01D

GRM188R60J105KA01D

GRM155R60G225ME15D

GRM1555C1H3R0CA01D

GRM1555C1H6R8CA01D

GRM1555C1H150JA01D

GRM1555C1H3R9CZ01D

GRM1555C1H270JA01D

LQG15HS5N1S02D

BLM15HG102SN1D

LQG15HS1N0S02D

LQG15HS1N1S02D

LQW15AN1N5B00D

LQG15HS2N0S02D

SSHQ-123-D-08-G-LF

Comments

Original part number: GRM1555C1H1R0BZ01D

Original part number: GRM1555C1H2R7CZ01D

Using a 4v instead of reference design 6.3 Original part number: GRM1555C1H3R0CZ01D Original part number: GRM1555C1H6R8CZ01D Original part number: GRM1555C1H150JZ01D

Original part number: GRM1555C1H270JZ01D