Ref/Part name	pcs/unit
C2	1
C3	1
C4	0
C21 C31	2
C41	1
C101 C151 C241 C331 C361 C391 C431	7
C281	1
C321 C551 C561	3
C341 C351	2
C371 C381	2
C372 C382	2
C373	1
C374	0
C392	1
C441 C451	2
FL1	1
J1	1
J2	0
L372 L373 L381	3
L374	0
L375	1
P1 P2	2
P3	0
P5	1
P6	0
R1 R442 R452	0
R21 R31	2
R32	1
R41	1
R281	1
R421	1
R441 R451	2
U1	1
U2	1
X1	1
X2	1
Total number of components to be mounted	47

Description

CAPACITOR, CERAMIC X5R, 2.2uF, 10V, -20%/+20%, -55DEGC/+85DEGC, 0603, SMD

CAPACITORS, CERAMIC, 1uF, 15%, X5R, 10V, 0603, SMD

CAPACITOR, DO NOT MOUNT, 0603, SMD

CAPACITOR, CERAMIC COG/NPO, 47pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC X5R, 4.7uF, 6.3V, -10%/+10%, -55DEGC/+85DEGC, 0603, SMD

CAPACITOR, CERAMIC X7R, 100nF, 6.3V, -10%/+10%, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC X7R, 1nF, 50V, -10%/+10%, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC X5R, 1uF, 10V, -10%/+10%, -55DEGC/+85DEGC, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 12pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 18pF, 50V, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 1pF, 50V, -0.1pF/+0.1pF, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 1.2pF, 50V, -0.25pF/ +0.25pF, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, DO NOT MOUNT, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 220pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD

CAPACITOR, CERAMIC COG/NPO, 22pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD

FILTER, EMI, 1500@100MHz, -55DEGC/+125DEGC, 0603, SMD

CONNECTOR, USB-B, 5 PINS, PITCH 0.65mm, SMD

CONNECTOR, COAX RF, DO NOT MOUNT

INDUCTOR, CHIP, 2nH, -0.3nH/ +0.3nH, 0.3A, -55DEGC/+125DEGC, 0402, SMD

INDUCTOR, DO NOT MOUNT, 0402, SMD

INDUCTOR, STANDARD, 3.3nH, -0.3nH/+0.3nH, 0.3A, -55DEGC/+125DEGC, 0402, SMD

CONNECTOR, HEADER, FEMALE, STRAIGHT, 2 ROWS, 20 PINS, PITCH 1.27mm, SMD

CONNECTOR, DO NOT MOUNT, SMD

CONNECTOR, HEADER, STRAIGHT, MALE, 4 PINS, 2 ROWS, 2.54mm PITCH, SMD

CONNECTOR, DO NOT MOUNT

RESISTOR, DO NOT MOUNT, 0402, SMD

RESISTOR, THICK FILM, 33, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD

RESISTOR, THICK FILM, 1.5k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD

RESISTOR, THICK FILM, 2, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD

RESISTOR, THICK FILM, 2.2k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD

RESISTOR, THICK FILM, 56k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD

RESISTOR, JUMPER, -55DEGC/+155DEGC, 0402, SMD

IC, ANALOG, ARM CORTEX M3 MCU WITH 2.4GHz IEEE 802.15.4 ZigBee, 2V TO 3.6V, -40DEGC/+125 DEGC, VQFN5

IC, ANALOG, ULTRALOW-POWER LINEAR REGULATORS, VIN:32.7V TO 10V, VOUT: 3.3V, SOT23-5, SMD

CRYSTAL, OSCILATOR, 32MHz, 10pF, -10PPM/+10PPM, -40DEGC/+85DEGC, SMD

CRYSTAL, OSCILATOR, 32.768kHz, -20PPM/ + 20PPM, -40DEGC/ +85DEGC, 12.5pF, SMD

MURATA 2.2uF	
	02-01132
MURATA 1uF	02-01389
DNM	02-01324
MURATA 47pF	02-04366
MURATA 4.7uF	02-02418
MURATA 100n	F 02-02323
MURATA 1nF	02-02070
MURATA 1uF	02-02381
MURATA 12pF	02-04168
MURATA 18pF	02-02407
MURATA 1pF	02-04367
MURATA 1.2pF	02-04524
DNM	02-01321
MURATA 220p	F 02-01276
MURATA 22pF	02-04373
MURATA BLM1	18HE152SN1 04-00470
Tyco 1981	568-1 06-02244
MURATA 2nH	03-06525
TBD	03-01022
MURATA 3.3nh	
SAMTEC SFM-	110-02-S-D-A-K-TR 06-02251
GradConn Cable BB02	-HP041-KB3-060B00 06-02190
AMP TYCO ELECTRONICS CORPORATION 8266	
DNM	
KOA SPEER 33	01-16853
KOA SPEER 1.5k	01-16854
KOA SPEER 2	01-16855
KOA SPEER 2.2k	01-11503
KOA SPEER 56k	01-16848
KOA SPEER 0	01-01784
	38F512RKU 18-27810
TEXAS INSTRUMENTS TPS7	
Epson Toyocom 32MI	
Epson Toyocom 32.76	58kHz 12-00430

MPN	PCB Packa	a Rtd Voltage	Min Oper Temp	Max Oper Temp
GRM188R61A225ME34D	0603	10V	-55DEGC	+85DEGC
GRM188R61A105KA61D	0603	10V	-55DEGC	+85DEGC
GRM1555C1H470JA01D	0402	50V	-55DEGC	+125DEGC
GRM188R60J475KE19D	0603	6.3V	-55DEGC	+85DEGC
GRM155R70J104KA01D	0402	6.3V	-55DEGC	+125DEGC
GRM155R71H102KA01D	0402	50V	-55DEGC	+125DEGC
GRM155R61A105KE15D	0402	10V	-55DEGC	+85DEGC
GRM1555C1H120JA01D	0402	50V	-55DEGC	+125DEGC
GRM1555C1H180JA01D	0402	50V	-55DEGC	+125DEGC
GRM1555C1H1R0BA01D	0402	50V	-55DEGC	+125DEGC
GRM1555C1H1R2CA01D	0402	50V	-55DEGC	+125DEGC
GRM1555C1H221JA01D	0402	50V	-55DEGC	+125DEGC
GRM1555C1H220JA01D	0402	50V	-55DEGC	+125DEGC
BLM18HE152SN1D	0603		-55DEGC	+125DEGC
1981568-1			N/A	N/A
LOCATUS ANOSOAD	0402		-55DEGC	+125DEGC
LQG15HS2N0S02D	0402		-55DEGC	+125DEGC
LQG15HS3N3S02D	0402		-55DEGC	+125DEGC
SFM-110-02-SM-D-A-K-TR			-55DEGC	+125DEGC
BB02-HP041-KB3-060B00			-40DEGC	+105DEGC
826629-2		750V	-65DEGC	+105DEGC
RK73H1ETTP33R0F	0402	50V	-55DEGC	+155DEGC
RK73H1ETTP1501F	0402	50V	-55DEGC	+155DEGC
RK73H1ETTP2R00F	0402	50V	-55DEGC	+155DEGC
RK73H1ETTP2201F	0402	50V	-55DEGC	+155DEGC
RK73H1ETTP5602F	0402	50V	-55DEGC	+155DEGC
RK73Z1ETTP	0402		-55DEGC	+155DEGC
CC2538F512RKU	VQFN56	2V TO 3.6V	-40DEGC	+125DEGC
TPS76933DBVT	SOT23-5	3.3V	-40DEGC	+125DEGC
FA-128 32MHz 10pF 10PPM	SMD		-40DEGC	+85DEGC
FC-12M 32.768kHz 20ppm			-40DEGC	+85DEGC

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