## Filename: BOM-SAT0015\_E2.xlsx Variant: 001 Generated: 6/12/2013 10:08:48 AM SVN path: \$URL:: SVN rev: \$

Designator	Quantity	Description	Manufacturer Part Number	Manufacturer 1	PartNumber
A3	1	ANTENNA IIFA BLE	·		
C1, C2, C4, C7	4	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	06033C104JAT2A	AVX Corporation	06033C104JAT2A
C3	1	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0805	0805YD105KAT2A	AVX	0805YD105KAT2A
C5	1	CAP, CERM, 1000pF, 100V, +/-5%, C0G/NP0, 0603	C1608C0G2A102J080AA	TDK Corporation	C1608C0G2A102J
C6, C31	2	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	06035A220JAT2A	AVX	06035A220JAT2A
C8	1	CAP CER 2.2UF 6.3V 20% X5R	GRM155R60J225ME15D	Murata Electronics North America	
C9, C13	2	CAP CER 1PF 50V NP0	GRM1555C1H1R0CA01D	Murata Electronics North America	
C10	1	CAP CER 0.4PF 50V NP0	GRM1555C1HR40BA01D	Murata Electronics	
C11, C12	2	CAP CER 18PF 50V 5% NP0	GRM1555C1H180JZ01D	Murata Electronics North America	
C14, C16	2	CAP CER 15PF 50V 5% NP0	GRM1555C1H150JA01D	Murata Electronics North America	
C15, C24	2	CAP CER 1UF 6.3V 10% X5R	GRM155R60J105KE19D	Murata Electronics North America	
C17, C18	2	CAP, 0402, C0G, 50V, 12PF	GRM1555C1H120JA01D	MURATA	
C19	1	CAP CER 1000PF 50V 5% NP0	GRM1555C1H102JA01D	Murata Electronics North America	
C20, C25, C26, C27, C28, C30	6	CAP CER 0.1UF 10V 10% X7R			GRM155R71A104KA01D
C21	1	CAP CER 47uF 6.3V 10% X5R			GRM31CR60J476KE19L
C22, C23	2	CAP CER 10UF 6.3V 20% X5R	GRM188R60J106ME47D	Murata Electronics North America	
C29	1	CAP CER 220PF 50V 5% NP0	GRM1555C1H221JA01D	Murata Electronics North America	
D1	1		SML-P12YTT86	Rohm Semiconductor	
D2	1	Diode, Schottky, 20V, 0.2A, SOD-523	SBR0220T5-7	Diodes Inc	SBR0220T5-7-F
FB1	1	FILTER CHIP 1000 OHM 250MA	BLM15HG102SN1D	Murata Electronics North America	
J1	1	CONN D-SUB RCPT R/A 9POS GOLD/FL			1734348-1
J2	1		FTSH-105-01-F-DH	Samtec	
J3	1	Header, TH, 100mil, 2x1, Gold plated, 230 mil above insulator	TSW-102-07-G-S	Samtec Inc	TSW-102-07-G-S
L1		2.2nH, I0402-25	LQG15HS2N2S02D	Murata Electronics North America	
L2	1	5.1nH +/-0.3nH, I0402-25	LQG15HH5N1S02D	Murata Electronics	
L3, L4	2	2.0nH, 10402-25	LQG15HS2N0S02D	Murata Electronics	
L5	1	Power Inductor, Shielded, 20% Tol.			EPL3015-427MLB
P1	1	Header, 3-Pin, Right Angle			0530480310
R1, R14, R34, R35	4	RES, 1.0Meg ohm, 5%, 0.063W, 0402	CRCW04021M00JNED	Vishay Dale	CRCW04021M00JNED
R2, R4	2	RES, 51 ohm, 5%, 0.063W, 0402	CRCW040251R0JNED	Vishay Dale	CRCW040251R0JNED
R3, R5, R6,	20	RES 0.0 OHM 1/10W	ERJ-2GE0R00X	Panasonic Electronic Components	
R8, R9,					
R11, R12,					
R18, R19,					
R20, R22,					
R25, R26,					
R28, R29,					
R30, R31, R36, R37,					
R40					
R7	1	RESISTOR CHIP, JUMPER, ZERO OHM, 1%	CR0402-J/-000GLF	BOURNS	
R10	1	RES 2.70K OHM 1/16W 1%	CRCW04022K70FKED	Vishay Dale	
R13		RES, 2.00Meg ohm, 1%, 0.063W, 0402	CRCW04022M00FKED	Vishay Dale	CRCW04022M00FKED
R15	1	RES, 10k ohm, 5%, 0.063W, 0402	CRCW040210K0JNED	Vishay Dale	CRCW040210K0JNED
R16	1	RES 1.0M OHM 1/16W 5%	CRCW04021M00JNED	Vishay Dale	C. C. FORDERORIOUNED
R17	1	RES 200K OHM 1/16W 5%	CRCW0402200KJNED	Vishay Dale	
R21	1	RES, 3.01Meg ohm, 1%, 0.063W, 0402	CRCW04023M01FKED	Vishay Dale	CRCW04023M01FKED
R23	1	RES 56K OHM 1/16W 1%	CRCW040256K0FKED	Vishay Dale	
R24	1	RES 2.2K OHM 1/10W 1%	ERJ-2RKF2201X	Panasonic Electronic Components	
R32	1	RES, 10.0Meg ohm, 1%, 0.063W, 0402	CRCW040210M0FKED	Vishay Dale	CRCW040210M0FKED
SW1, SW2	2	SWITCH, TACT, MOM, 130GF, H=5MM			PTS635SL50
Ú1	1	IC AFE 24BIT 25.6KSPS 28WQFN	ADS1293CISQE/NOPB	Texas Instruments	ADS1293CISQE/NOPB
U2	1		EG1390B	E-Switch	
U3	1		TPS61220DCKR	Texas Instruments	
U4	1	Single Chip BLE	CC2541F128RHAT	Texas Instruments	CC2541F128RHAT
X1	1	Oscillator	ABS07-32.768KHZ-9-T	Abracon Corporation	
X2 Y1	1	Oscillator CRYSTAL, 4.096 MHz, 18PF, SMD			Q22FA1280009200 ECS-41-18-5PXEN-TR

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