

10967-2000 (Wireless Sensor)				
Ref Des	Trafficware #	Description	Qty	Manufacturer #
PCB	10967-0000	PCB, WIRELESS SENSOR	1	Trafficware # 10967-0000
C4	1601-0003C	CAP,CER,3PF,50V,COG,0402	1	Murata # GRM1555C1H3R0BA01D
C3	1601-00033C	CAP,CER,3.3PF,50V,COG,0402 Murata	1	Murata # GRM1555C1H3R3BA01D
C5,6	1601-00043C	CAP,CER,4.3PF,50V,COG,0402	2	Murata # GRM1555C1H4R3BA01D
C7	1601-00056C	CAP,CER,5.6PF,50V,COG,0402	1	Murata # GRM1555C1H5R6BA01D
C8	1601-00068C	CAP,CER,6.8PF,50V,COG,0402	1	Murata # GRM1555C1H6R8BA01D
C34	1601-00082C	CAP,CER,8.2PF,5%,10V,X7R,0402	1	Murata # GRM1555C1H8R2BA01D
C1,2	1601-0033C	CAP,CER,33PF,50V,COG,0402	2	Murata # GRM1555C1H330JA01D
C9,10	1601-0056C	CAP,CER,56PF,50V,COG,0402	2	Murata # GRM1555C1H560JA01D
C11-13	1601-0100C	CAP,CER,100PF,50V,COG,0402	3	Murata # GRM1555C1H101JA01D
C17-30, 39	1601-4100C	CAP,CER,100NF,10V,X7R,0402	15	Murata # GRM155R71A104JA01D
C16,31,32	1601-4220	CAP,CER,.22uF,10 V,10%	3	NIC # NMC0603X7R224K10TRPF
C14,36-38	1601-5100C	CAP,CER,1UF,10V,X5R,0402	4	Cal Chip # GMC04X5R105K10NT
C15	1601-5220D	CAP,CER,2.2UF,10V,X5R,0603	1	Cal Chip # GMC10X5R225K10NT
C35	1601-6100D	CAP,CER,10uF,6.3V,20%	1	AVX # QM036D106MAT2A
L1	1812-0056	CHOKE,5.6nH,CER CHIP INDUCTOR,0402	1	Colicraft # 0402HP-5N6XJLW
L2	1812-0082	CHOKE,8.2nH,CER CHIP INDUCTOR,0402	1	Colicraft # 0402HP-8N2XJLW
L3	1812-0110	CHOKE,11nH,CER CHIP INDUCTOR,0402	1	Colicraft # 0402HP-11NXJLW
L4,5	1812-0120	CHOKE,12nH,CER CHIP INDUCTOR,0402	2	Colicraft # 0402HP-12NXJLW
L6	1812-1120	CHOKE,120nH,CER CHIP INDUCTOR,0402	1	Colicraft # 0402HP-R12XJLW
FB1,2	1860-0060	FERRITE BEAD,60 OHM, 3 AMP 0805	2	Murata # BLM21PG600SN1D
J6	2105-0020	CONN,HDR,PIN,SHROUD,2-POS	1	Molex # 22-03-5025
J5	2207-0003	CONN,HEADER 6 POS,.1,SMT,DOUBLE ROW	1	Samtec # TSM-103-01-S-DV
J2,7	2207-0030	CONN,HEADER 3 POS,.1,SMT,SINGLE ROW	2	Samtec # TSM-103-01-T-SV
Y2	2308-3000	CRYSTAL,30MHZ,-40~+85°C,SMT	1	Abracon # ABM11-30.000MHZ-D2X-T3
Y1	2308-32768A	CRYSTAL,32.768KHZ,12pF,-40~+85°C,SMT	1	Abracon # ABS06-32.768KHZ-1-T
U12	3330-0138	IC,CMOS,74HC138 3-8 DECODER/DEMUX SOP	1	Fairchild # MM74HC138M
U9-11	3330-0504	IC,CMOS,SINGLE INVERTER ,UHS,NC7SZ04	3	Fairchild # NC7SZ04P5X
U4	3334-0659	IC,CMOS,ADG659,TRIPLE 4-CH ANALOG MUX,SM	1	Analog Devices # ADG659YCPZ
U3,14	3338-2314	IC,OP-AMP,CMOS,LOW POWER,DUAL,RRIO	2	TI # OPA2314AIDRBT
U5	3341-68051	IC,MICROCONTROLLER,16K FLASH,QFN-24	1	Sil Lab # C8051F912-GM
U13	3348-0512	IC,FLASH,64K X 8,SERIAL,SOIC8	1	Microchip # SST25VF512A-33
U7,8	3352-1021	IC,LINEAR MAGNETIC FIELD SENSOR,1 AXIS	2	Honeywell # HMC1021Z
U6	3352-1022	IC,LINEAR MAGNETIC FIELD SENSOR,2 AXIS	1	Honeywell # HMC1022
U2	3358-2214	IC,RF SWITCH,1P2T,0.05-3GHz,6-PIN	1	CEL # UPG2214TB-E4-A
U1	3359-1000	IC, LO PWR,10-BIT,240-960MHZ TRANSCEIVER	1	Silicon Labs # Si1000-C-GM
R1,18,20	4602-0000	RES,TF,1%,1/16W,0 OHM,0402	3	Yageo # CR0402-0000JTR
R2	4602-00499	RES,TF,1%,1/16W,49.9 OHM,0402	1	Panasonic # ERJ-2RKF49R9X
R3,8	4602-1100	RES,TF,1%,1/10W,1K OHM,0402	2	Yageo # RC0402JR-071KL
R4,11-13	4602-2100	RES,TF,1%,1/16W,10K,0402	4	Yageo # RC0402JR-0710KL
R21-23	4602-3100	RES,TF,1%,1/16W,100K,0402	3	Venkel # CR0402-16W-1003FT
R14-17	4605-3140	RES,TF,1%,1/16W,140K,0805	4	Panasonic # ERJ-6ENF1403V
R9,10	4605-4100	RES,TF,1%,1/10W,1.0M,0805	2	Venkel # CR0805-10W-1004FT
R5-7	4611-0221	RES,TF,1%,1/4W,221 OHMS,1206	3	Panasonic # ERJ-8GEYJ221V
Q1-8,15	4924-2301	TRANS,FET,P-CH,2.5V,SOT-23	9	Vishay # SI2301BDS-T1-E3
Q9-14	4927-7509	TRANS,FET,PN-DUAL,30V,MICRO8,IRF7509	6	IRF # IRF7509TRPBF