

Bill Of Materials

Project Title : GPS Pet Tracking Device							
Project no. : IC00220				Date : March 20 2013 Rev : 0.0			
Item	level	Our Part Number	Part Description			Usage Qty	

MAIN UNIT

1	1	23-0090001-00	SCOTCH MAGIC TAPE 810,ACRYLIC, ,LENGTH 36M,WIDTH:0.5 INCH, ROHS & PPW DECLARED	0.0006	PC
2	1	36-2040101-00	PROTECTION TAPE,PET,0.08MM THICKNESS, 43.7x33.7xd2.5MM+6.2MM, ROHS,REACH DECLARED	1	PC
3	1	37-0000009-02	D.S.T., SONY T4000, 2x8MM ROHS DECLARED	4	PC
4	1	37-1305101-00	D.S.T., 3M Y4914,0.25MM厚, 5x3.5MM, ROHS,REACH	1	PC
5	1	38-1011101-00	O-RING,NBR,BLACK, D1.3xd0.5x0.4MM, SHORE 70,REACH & ROHS DECLARED	5	PC
6	1	38-1065101-00	O-Ring,NBR,Black,Hardness 70+/-5, 57.8x34.8x0.80MM, ROHS DECLARED	1	PC
7	1	47-2141002-00	TOP CASE,ABS757,WHITE, 52.0x42.0x6.5MM,2C,"TRACTIVE",ROHS,REACH DECLARED	1	PC
8	2	47-2141001-00	TOP CASE,ABS757,WHITE, 52.0x42.0x6.5MM, ROHS,REACH DECLARED	1	PC
9	1	47-3119001-00	BOTTOM CASE,ABS757,WHITE, 52.0x42.0x9.6MM, ROHS,REACH DECLARED	1	PC
10	1	49-0344900-00	BUTTON,ABS777,WHITE, D4.4x2.3MM,W/SUS303 SHAFT, ROHS,REACH DECLARED	1	PC
11	2	52-0020297-00	SHAFT,SUS303, 4.325xD1.6xd1.15xd0.75MM, ROHS DECLARED	1	PC
12	1	49-0502100-00	CLIP A,ABS757,WHITE, 59.1x30.5x19.0MM, ROHS,REACH DECLARED	1	PC
13	1	49-0502200-00	CLIP B,ABS757,WHITE, 59.1x30.5x15.6MM, ROHS,REACH DECLARED	1	PC
14	1	49-3801001-00	LIGHT GUIDE LENS,PC,TRANSPARENT, 6.0x4.0x6.5MM,	1	PC
15	2	49-3801000-00	LIGHT GUIDE LENS,PC,TRANSPARENT, 6.0x4.0x6.5MM, ROHS DECLARED	1	PC
16	1	55-0314800-00	SHAFT(PIN),SUS303, D1.1xd0.7x6.1MM,GOLD PLATED, ROHS DECLARED	4	PC
17	1	55-0703300-00	GPRS FPC ANTENNA,QUAD-BAND,	1	PC
18	1	55-0800011-00	E-RING,SUS304 S.STEEL, M0.8, STACKED PACK, ROHS DECLARED	1	PC
19	1	60-1010141-00	SCREW,SUS302,D1.4x4.0MM/PA, TORX #4 SELF-TAPPING THREADS, STAR HEAD,ROHS DECLARED	4	PC
20	1	61-1005201-00	SPRING WIRE,SUS304, ROHS DECLARED	1	PC
21	1	61-5001001-00	SPRING PLATE,SUS304, 4.1x3.6x1.0MM, 2 LEG,ROHS DECLARED	1	PC
22	1	78-XXXXXXX-XX	LABEL	1	PC
23	1	91-0728003-01	SUB-ASSEMBLY,PCBA,MKT12069, 728,PET TRACKER, ROHS DECLARED	1	PC
24	2	03-0010003-00	Q'TAL,32.768KHZ,2x6MM,EPSON, 12.5PF,+/- 20PPM,(C-002RX) (Q11C02RX1012900),ROHS DECLARE	1	PC
25	2	16-5328001-00	RECHARGEABLE BATTERY,AE603040P6H,3.6V, LI-POLYMER,680mAh,W/PCM,31x42x6MM,CE/UL,ROHS	1	PC
26	2	55-0702700-00	PATCH ANTENNA,13x13x3.5MM, 1582MHZ,JPA1582S13T35XB, ROHS,REACH DECLARED	1	PC
27	2	55-0703400-00	ANTENNA SHAFT,GOLD PLATED	1	PC
28	2	91-0728003-02	SUB-ASSEMBLY,COB,MKT12069, 728,PET TRACKER, ROHS DECLARED	1	PC
29	3	01-0000004-01	IC,LDO VOLTAGE REGULATOR 3.0V,SOT23-3,CS7R6206-30-TS-G, CANAAN,ROHS DECLARED	1	PC
30	3	01-0000149-00	IC,CP2104-F03-GMR,USB TO UART BRIDGE,LEAD FREE,QFN24,SILICON LABORATORIES,ROHS DECLARED	1	PC
31	3	01-0000164-00	IC,LDO W/CE,3.0V,SOT23-5, CS7R6204-30B-TS-G,CANAAN, ROHS DECLARED	1	PC
32	3	01-0000175-01	IC,VOLTAGE DETECTOR,3PIN, SOT23,VDA2410NTA,ANASEM, ROHS DECLARED	1	PC
33	3	01-0000245-00	IC(MCU-MTP),S1C17602D10D000 CHIP SIZE:3.9x3.856MM,PAD SIZE :85x87um,EPSON,ROHS DECLARED	1	PC
34	3	01-0000246-00	GPS MODULE,MAX, 10.1x9.7x2.5MM, ROHS DECLARED	1	PC
35	3	01-0000247-00	QUAD-BAND GSM/GPRS MODULE, LEON-G100,29.5x18.9x3.0MM, ROHS DECLARED	1	PC
36	3	01-0000248-00	SIM MODULE,SMD, 6x5x0.9MM, ROHS DECLARED	1	PC
37	3	01-0000249-00	IC,SERIAL FLASH, MX25L3206EM2I-12G,200MIL,8-SOP MACRONIX,ROHS DECLARED	1	PC
38	3	01-0030002-01	IC,CHARGING IC,MCP73832T-2ACI/ OT,SOT23-5,MICROCHIP,	1	PC
39	3	03-1040001-00	CERAMIC RESONATOR,8MHz +/-0.5% 10pF,3.2x1.3x0.7MM, CSTCE8M00G52-R0,MURATA,ROHS	1	PC
40	3	04-0010010-00	CHIP TRANSISTOR, BC847BW, MINI-MODE PHILIPS ROHS,REACH DECLARED	4	PC
41	3	05-0010090-03	CHIP RESISTOR,100K OHM,+/-5%, 1/16W,0402,EVEROHMS, ROHS,REACH DECLARED	2	PC
42	3	05-0010092-03	CHIP RESISTOR,4.7K OHM,+/-5%, 1/16W,0402,EVEROHMS, ROHS,REACH DECLARED	4	PC
43	3	05-0010093-03	CHIP RESISTOR,0 OHM,+/-5%, 1/10W,0603,EVEROHMS, ROHS,REACH DECLARED	1	PC
44	3	05-0010135-03	CHIP RESISTOR,10K OHM,+/-5%, 1/16W,0402,EVEROHMS, ROHS,REACH DECLARED	5	PC
45	3	05-0010166-02	CHIP RESISTOR,0 OHM,+/-5%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED	2	PC
46	3	05-0010184-02	CHIP RESISTOR,1M OHM,+/-5%, 1/16W,MINI-MODE,0402, EVEROHMS,ROHS,REACH DECLARED	1	PC
47	3	05-0010187-02	CHIP RESISTOR,2K OHM,+/-1%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED	1	PC
48	3	05-0010223-01	CHIP RESISTOR,47K OHM,+/-5%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED	1	PC
49	3	05-0010239-01	CHIP RESISTOR,33 OHM,+/-1%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED	2	PC
50	3	05-0010285-00	CHIP RESISTOR,120 OHM,+/-5%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED	1	PC

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51	3	05-0010286-00	CHIP RESISTOR,200 OHM,+/-5%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED				2	PC
52	3	05-0010287-00	CHIP RESISTOR,3.3M OHM,+/-1%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED				1	PC
53	3	05-0010288-00	CHIP RESISTOR,4.7M OHM,+/-1%, 1/16W,MINI-MODE,0402,EVEROHMS, ROHS,REACH DECLARED				1	PC
54	3	06-1008032-00	CHIP CAPACITOR, 10pF +/- 5%, 50V, 0402, THK 0.50+/-0.05MM, MURATA, ROHS DECLARED				1	PC
55	3	06-1016011-01	CHIP CAPACITOR, 20PF +/-5%, 50V, 0402, MURATA, ROHS DECLARED				1	PC
56	3	06-1017031-02	CHIP CAPACITOR,0.1uF +80/-20%, 16V,0402,-25 TO +80C,MURATA, THK.0.5 +/-0.05MM,ROHS/ REACH				14	PC
57	3	06-1027051-00	CHIP CAPACTOR,1uF,+80 /-20%, 10V,0402,GRM155F51A105ZE01D, Y5V,MURATA,ROHS/REACH DECLARED				6	PC
58	3	06-1031031-00	CHIP CAPACITOR,4.7uF,+/-10%, 6.3V,X5R,0603,MURATA, ROHS DECLARED				2	PC
59	3	06-1037002-01	CHIP CAPACITOR, 39PF +/- 5%, 50V, 0402,THK. 0.50 +/- 0.05MM MURATA, ROHS DECLARED				1	PC
60	3	06-1043012-00	CHIP CAPACITOR,47PF +/-5%, 50V,0402,THK 0.50+/-0.05MM, MURATA,ROHS DECLARED				5	PC
61	3	06-1064001-00	CHIP CAPACITOR,6PF,+/-0.25PF, COG,50V,0402,ROHS DECLARED, MURATA				2	PC
62	3	06-5013001-00	TANTALUM CAPACITOR,220uF, CASE B,3528,6.3V,+/-20%,KEMET, T520B227M006ATE070,ROHS				2	PC
63	3	07-0500016-00	LED,SMT ULTRA BRIGHT PURE GREEN (WHITE DIFFUSED), 0603, GB-SM0603UPGW-TR,ROHS DECLARED				1	PC
64	3	07-0500019-00	LED,SMD,WHITE,0603,3.0-3.2V, LH-06034P1-W3-C30-07,W3A-2A,2B ,450-550MCD,ROHS DECLARED				1	PC
65	3	07-0500023-00	LED,SMD HYPER RED (WATER CLEAR),0603,KPH-1608SURCK-5MAV, KINGBRIGHT,ROHS DECLARED				1	PC
66	3	07-0600001-00	CHIP VARISTOR,0603, ECVAL160805E20100NBT, JOINSET, ROHS DECLARED				3	PC
67	3	09-1500014-00	SMD FIXED INDUCTOR,ELT3KN657C, 3.3+/-0.3x1.5+/-0.25x5.5+/-0.2 MM,14mH+40%/-48.5%,ROHS				1	PC
68	3	21-0072800-00	PCB,728R2,FR4,6PCS/PANEL, 109.8x118.0x0.8MM,4L,GOLD PLATE, ROHS,REACH				0.1667	PC
69	3	31-0000005-00	IC,TRI-AXIS ACC.,KXTE9-2050, 3.0x3.0x0.9MM,LGA,KIONIX, ROHS DECLARED				1	PC

USB CABLE

1	1	17-9000402-00	USB CABLE,A MALE,WHITE, D3.5 4C,LENGTH 1000MM W-176-3LF,ROHS,REACH,PAHs			1	PC
2	1	21-0073900-00	PCB,739R1,FR4,24PCS/PANEL,D/S 95x90.6x0.8MM,GOLD PLATED, ROHS,REACH			0.0417	PC
3	1	25-0103721-00	UPPER CUSHION,EVA, 8.1x4x2MM,WHITE,WITH ADHESIVE, ROHS,REACH DECLARED			1	PC
4	1	25-0103921-00	CUSHION,EVA,WHITE, 9.8x5.2x4.5MM,WITH ADHESIVE, ROHS,REACH DECLARED			1	PC
5	1	49-0501901-00	UPPER CLIP,ABS777,WHITE, 42.4x18.0x16.0MM, ROHS,PAH,REACH DECLARED			1	PC
6	1	49-0502001-00	LOWER CLIP,ABS777,WHITE, 48.39x23.68x22.84MM,PIN PITCH 2.0MM,ROHS,PAH,REACH DECLARED			1	PC
7	1	49-1608901-00	CLIP COVER,ABS777,WHITE, 40.2x20.49x5.6MM,PIN PITCH 2.0MM,ROHS,PAH,REACH DECLARED			1	PC
8	1	55-0314300-00	SHAFT (PIN),SUS316F, D2.0x5.4xd1.0MM, ROHS,REACH DECLARED			2	PC
9	1	55-0314600-00	SHAFT (PIN),SUS303, D1.4x7.0xd0.8MM, GOLD PLATED,ROHS DECLARED			4	PC
10	1	55-0315300-00	SHAFT (PIN),SUS303, D2.0x17.5xd1.5MM,ROHS,REACH DECLARED			1	PC
11	1	60-1020012-00	SCREW,XM7 S.STEEL,D1.2X3.5MM/ PB,INSERTS,SELF-TAPPING THREAD S,+0/-0.3MM ROHS DECLARED			3	PC
12	1	61-1004001-00	CONTACT SPRING,SUS304 S.STEEL, NATURAL,D5.2x8.5MM,d1.2MM, 6T,ROHS DECLARED			1	PC
13	1	61-1004301-00	CONTACT SPRING,SUS304 S.STEEL, D1.40x1.8MM,d0.2MM,4 TURNS, GOLD PLATED,ROHS DECLARED			4	PC