

SmarTire Systems Inc.

Acceptance Checklist - Bill of Materials

Item	Signature - Engineering Manager	Signature - Production Manager
BOM contains all required components		
All components are acceptable as per Specification Sheets or engineering drawings		
All suppliers are acceptable		
Kits; Marketing manager signature		

210.0137

BOM

210.0137 --PCB-TRANSMITTER-VALVE MNT --

Release 0 Revision 9

Stock code	Qty	Part Description	Rel/	Rev	Part designations	Supplier
214.0002	1	SENSOR ASIC-TIRE PRES - LOW SENSOROR:SP11A	0 /	0	U1	SENSONO
215.0045	1	PCB BARE-VM-TRANS FOR 210.0137	/		BARE PCB	

225.0003	1	RESISTOR 10K 1/16W 5% SM 0603 CALCHIP:RM 06 J 103 BP (or CT)	/		R1	UTECH E
225.0019	1	RESISTOR 470R 1/16W 5% SM 0603 ROHM:MCR03 EZHU J 471	/		R6	UTECH E
225.0024	1	RESISTOR 10R 1/16W 5% SM 0603 ROHM:MCR03 EZHU J 100	/		R2	
225.0025	1	RESISTOR 27K 1/16W 5% SM 0603 ROHM:MCR03 EZHU J 273	/		R4	
232.0001	1	CAP .5P +-.25P 50V NPO CER 603 CAL CHIP:GMC 10 CG 0R5 C 50 NT	/		C9	UTECH E
232.0002	1	CAP 10P +-.25P 50V NPO CER 603 CAL CHIP:GMC10 CG 100 C 50 NT	/		C3	UTECH E
232.0005	1	CAP 10N 16V CER 0603 AVX/KYOCERA:0603 Y C 103 KAT2A	/		C2	FUTUR-C
232.0015	1	CAP 3P3 +-.5P 16V X7RCER O603 ROHM:MCH18 5C 3R3 DK	/		C6	UTECH E
232.0022	1	CAP 220P 5% 50V NPO 0603 KEMET:C0603C221J5GAC	/		C5	
232.0027	2	CAP 8P2 +-.25P 50V CER NPO 603 CALCHIP:GMC10 CG 8R2 C 50 NT	/		C4 C7	
233.0002	1	CAP 33U 10% 6.3V TANT B AVX:TAJB336K006R	/		C1	

240.0084	1	IND 82N WD 5% 805 COILCRAFT:0805HT- 82NTJBB	/		L2	
240.0093	1	ANTENNA HELICAL 3/8" 5 TURN,16AWG,CCSS,.45HT	0 /	1	ANT1	
					-Refer to manufacturer drawing for parts	
					spec defining the number of turns	
240.0098	2	IND 27N WD 5% 603 COILCRAFT:0603CS- 27NXJBC	/		L1 L3	
242.0023	1	TRANSISTOR MMBR941LT1	/		Q1	
255.0056	1	RESONATOR SAW 433.92MH SM RFM:RO2180B	/		RES1	
261.0017	1	SWITCH CENTRIFUGAL SELECT:2082-6-000	/		SW1	
263.0066	1	BATTERY BR1632A-L PANASONIC:BR1632A-L	0 /	0	BAT-1	
263.0067	1	BATTERY BR1632A-S PANASONIC:BR1632A-S	0 /	0	BAT-2	
275.0004	0	CONFORMAL COATING Parylene type C, thicknes.5mil	0 /	0	Part included to define specification for	
					conformal coating - subcontracted process	
					during manufacture of board	
999.9990	0	REVISION CONTROL NOTES	/		CREATED 8-OCT-99 CL REL 0 REV 0	

					SEE USIDOCs FOR REV HISTORY TO REL 0 - REV 6	

					REL 0 REV 7 20-JAN-00 ECO 184 CL/RP	
					-CHANGE L3 TO 8N7 240.0097	
					-CHANGE L1 TO 27N-WD 240.0098	

					REL 0 REV 8 31-May-00 ECO 197	
					-add 275.0004 conformal coating spec	
					-change L3 to 240.0098	

					REL 0 REV 9 12-JUN-00 ECO 199	
					-CHANGE R6	
					-FROM(220-OHM- 225.0013) TO 470-OHM - 225.0019	
					-ADD R2 10-OHM-225.0024	