

Parts List with Approved Manufacturers

AXONN, L.L.C. - CONFIDENTIAL

Proj. Engr: G.Naden Engr: S.Schamber Production: V.Impastato Doc Control: C.MacKenzie

ECO#
268, 274, 278, 285

5/20/2003 Assembly Part No Revision Status Description Axon Doc No
 2100-0159-01 E Released ASSY TOP AXGPS STU TRACKER 2100-0159-01

<u>ITEM</u>	<u>REF. DESIG. / NOTES</u>	<u>QTY</u>	<u>UNIT</u>	<u>AXONN PART NO</u>	<u>DESCRIPTION</u>
1.00	C24 C25	2.00	PCS	5110-0119-00 AVX 06035A180JAT2A MURATA GRM1885C1H180JA01	CAP 0603 CER 18PF 50V C0G +/-5%
2.00	C7 C8 C14 C15 C19 C20	6.00	PCS	5110-0138-00 AVX 06035A330JAT2A MURATA GRM1885C1H330JA01	CAP 0603 CER 33PF 50V C0G +/-5%
3.00	C30 C31 C34	3.00	PCS	5110-0140-00 AVX 06035A390JAT2A MURATA GRM1885C1H390JA01	CAP 0603 CER 39PF 50V C0G +/-5%
4.00	C2 C11 C12 C27 C42	5.00	PCS	5110-0145-00 AVX 06035A471JAT2A MURATA GRM1885C1H471JA01	CAP 0603 CER 470PF 50V C0G +/-5%
5.00	C28 C29	2.00	PCS	5110-0169-00 AVX 06035C103KAT2A	CAP 0603 CER 10NF 50V X7R +/-10%
6.00	C9 C13 C16 C17 C18 C21 C22 C26 C37 C38 C39 C40 C41 C43 C46	15.00	PCS	5110-0110-00 AVX 0603YC104KAT2A	CAP 0603 CER 100NF 16V X7R +/-10%
7.00	C3	1.00	PCS	5110-0234-00 AVX 0603ZC224KAT2A	CAP 0603 CER 220NF 10V X7R +/-10%
8.00	C4 C23 C32 C33 C35 C36 C45	7.00	PCS	5110-0235-00 AVX 0805ZC105KAT2A	CAP 0805 CER 1UF 10V X7R +/-10%
9.00	C1 C5 C6	3.00	PCS	5140-0119-00 AVX TAJD107K010R KEMET T491D107K010AS	CAP D-PKG TAN 100UF 10V +/-10%
10.00	C47	1.00	PCS	5105-0115-00 ELNA RV2-6V220M-R NICHICON UWX0J220MCR1GB PANASONIC EEV-FC0J220R	CAP SMT AL 22UF 6.3V +/-20%
11.00	C48	1.00	PCS	5105-0132-00 ELNA RVH-16V471MH10-R PANASONIC EEV-FC1C471P NICHICON UWG1C471MNR1GB	CAP SMT AL 470UF 16V +/-20% L-ESR
12.00	L1	1.00	PCS	4900-0203-00 CT CTDO1608C-152 JWMILLER PM1608-1R5M	IND 1608 1.5UH 2.6A +/-20%
13.00	R6 R16 R50 R51 R59 R60 R61 R69	8.00	PCS	4530-0101-00	RES 0603 TKF 0R 1/10W JMPR

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				AVX CJ10-000-T ROHM MCR03EZHJ000	
14.00	R1	1.00	PCS	4530-0395-00	RES 0603 TKF 4.7R 5% 1/10W
				AVX CR10-4R7J-T	
15.00	R23	1.00	PCS	4530-0262-00	RES 0603 TKF 30R 5% 1/10W
				AVX CR10-300J-T ROHM MCR03EZHJ300	
16.00	R9 R10 R38 R39 R40 R41 R42 R43 R44 R52	10.00	PCS	4530-0215-00	RES 0603 TKF 56R 5% 1/10W
				DALE CRCW0603560JRT1 ROHM MCR03EZHJ560	
17.00	R32 R54	2.00	PCS	4530-0266-00	RES 0603 TKF 180R 5% 1/10W
				AVX CR10-181J-T ROHM MCR03EZHJ181	
18.00	R70 R71	2.00	PCS	4530-0391-00	RES 0805 TKF 200R 5% 1/8W
				AVX CR21-201J-T DALE CRCW0805201JRT1	
19.00	R36	1.00	PCS	4530-0122-00	RES 0603 TKF 1.0K 5% 1/10W
				AVX CR10-102J-T ROHM MCR03EZHJ102	
20.00	R2	1.00	PCS	4530-0392-00	RES 0603 TKF 28.0K 1% 1/10W
				AVX CR10-283F-T DALE CRCW06032802FRT1	
21.00	R3 R4	2.00	PCS	4530-0393-00	RES 0603 TKF 57.6K 1% 1/10W
				AVX CR10-5762F-T DALE CRCW06035762FRT1	
22.00	R7 R8 R11 R12 R13 R14 R15 R17 R18 R20 R21 R22 R25 R26 R27 R28 R29 R30 R31 R33 R34 R35 R55 R56 R57 R58	26.00	PCS	4530-0105-00	RES 0603 TKF 100K 5% 1/10W
				AVX CR10-104J-T ROHM MCR03EZHJ104	
23.00	R5 R24	2.00	PCS	4530-0365-00	RES 0603 TKF 1.2M 5% 1/10W
				AVX CR10-125J-T ROHM MCR03EZHJ125	
24.00	R45 R46 R47 R48 R49	5.00	PCS	4530-0128-00	RES 0603 TKF 2.7M 5% 1/10W
				AVX CR10-275J-T DALE CRCW0603275JRT1 ROHM MCR03EZHJ275	
25.00	R19	1.00	PCS	4530-0394-00	RES 0603 TKF 5.1M 5% 1/10W

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				AVX CR10-515J-T KOA RK73B1JLTD515J	
26.00	Q5 Q6 Q7 Q8	4.00	PCS	5810-0118-00 MOTOROLA MMBT3904WT1	XSTR SOT-323 MMBT3904 NPN
27.00	Q1 Q12	2.00	PCS	5805-0109-00 ONSEMI 2N7002LT1 ZETEX 2N7002TA	FET SOT-23 N-CHN 60V 115MA DMOS
28.00	Q2 Q3	2.00	PCS	3100-0194-00 INFINEON BGA622	LNA SOT343 BGA622 .5 - 6GHZ
29.00	Q4	1.00	PCS	5805-0112-00 IR IRLML6401	FET SOT-23 IRLML6401 P-CHN
30.00	Q9	1.00	PCS	5810-0132-00 ONSEMI MMBT2907AWT1	XSTR SOT-323 MMBT2907AWT1 PNP
31.00	U2 U5	2.00	PCS	3000-0136-00 PHILIPS 74LVC07APW TI SN74LVC07APWR	IC 74LVC07 TSSOP-14 HEX BUFFER
32.00	U3 U4	2.00	PCS	3000-0145-00 PHILIPS 74HC4066PW TI SN74HC4066PWR	IC 74HC4066 TSSOP-14 QUAD SW
33.00	U1	1.00	PCS	3100-0195-00 MAXIM MAX1763EEE	REG QSOP-16 MAX1763 STEP-UP DC-DC
34.00	Y1	1.00	PCS	4300-0124-02 MMD D18BC1-4.9152MHZ T&R	XTAL HC49/US 4.9152MHZ 18PF 30/50
35.00	Y2	1.00	PCS	4300-0105-01 EPSON C-002RX32.768K-P MICROCRYSTAL MX1V 1N 32.768KHZ 12.5PF ±30PPM MMD WC26-32.768 KHZ	XTAL TH 32.768KHZ 12.5PF +/-30PPM
36.00	U6	1.00	PCS	4010-0138-00 TI MSP430F135IPM	MCTL QFP-64 MSP430F135IPM 16KB
37.00	VR1	1.00	PCS	3100-0196-00 ONSEMI NCP553SQ18T1	REG SC70-4 NCP553 1.8V
38.00	U7	1.00	PCS	3100-0158-00 ONSEMI MC33263NW-33R2	REG SOT-23L 3.3V 150mA H-ON LDO
39.00	D2	1.00	PCS	5400-0115-00 ONSEMI BAV70WT1	DIO SOT-323 BAV70 DUAL SW COM CATH
40.00	D3	1.00	PCS	5410-0146-00	DIO SOT-23 BAS40-05 SCHOTTKY

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				DIODES BAS40-05-7	
41.00	D1	1.00	PCS	5410-0144-00	RECT SOD123 0.5A 20V SHTK
				ONSEMI MBR0520L	
42.00	FL1	1.00	PCS	6710-0110-00	FLTR SAW SMD 1575.4MHZ GPS
				FILTRONETICS SF-30	
				FUJITSU FAR-F6CP-1G5754-D20T	
43.00	J2	1.00	PCS	5610-0163-00	CONN SKT TH 2 X 2 .100
				MAJOR LEAGUE SSHS-102-D-02-T	
				SAMTEC SSW-102-01-T-D	
44.00	J6	1.00	PCS	5610-0164-00	CONN SKT TH 2 X 5 .100
				MAJOR LEAGUE SSHS-105-D-02-T	
				SAMTEC SSW-105-01-T-D	
45.00	J10	1.00	PCS	5610-0165-00	CONN SKT TH 2 X 10 .0315
				SAMTEC CLE-110-01-G-DV	
46.00	J9	1.00	PCS	5610-0166-00	CONN PWR TH 1 X 2 RA MINIFIT
				MOLEX 39-30-0020	
47.00	---	1.00	PCS	2010-0122-01	ASSY CBL MMCX RA PIGTAIL STU ANT
				SINBON 2010-0122-01	
48.00	---	1.00	PCS	2010-0123-01	ASSY CBL MMCX RA PIGTAIL GPS ANT
				SINBON 2010-0123-01	
49.00	E1	1.00	PCS	7520-0111-00	ANT CERAMIC PATCH 1575MHZ
				SPECTRUM PA25-1575-008SA	
50.00	E2	1.00	PCS	7520-0110-01	ANT CERAMIC PATCH 1615MHZ
				SPECTRUM PA25-1615-025SA	
51.00	---	1.00	PCS	7200-0113-01	PLSTC HSG 6.25X9X1 IP66/67 W/SCREWS
				SINBON 7200-0113-01	
52.00	---	1.00	PCS	2010-0121-01	ASSY CBL HR30-7R-10PC 6" W/CAP
				SINBON 2010-0121-01	
53.00	---	1.00	PCS	2200-0147-01	PCB STU/GPS HOST
				AXONN 2200-0147-01	
54.00	---	4.00	PCS	7930-0109-00	7/16" (.4375) THREADED STDF METAL
				MCMaster 92474A434	
55.00	---	8.00	PCS	7910-0107-00	SCR PPH 4-40 X .250" SS
				MCMaster 91772A106	
56.00	---	1.00	PCS	6300-0105-01	BAT LITH PACK 3.6V 19.2AH
				TADIRAN TLP-91181/A/AX1	

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57.00	U8	1.00	PCS	4030-0120-00 LEADTEK GPS9543LP	SIRF GPS GPS9543LP
58.00	---	1.00	PCS	2100-0149-01 AXONN 2100-0149-01	ASSY TOP AERO ASTRO STU
59.00	---	1.00	PCS	9450-0104-01 TEXTOL 100P	VELCRO HOOK 1" X 4"
60.00	---	1.00	PCS	9450-0105-01 TEXTOL 101P	VELCRO LOOP 1" X 4"
61.00	---	1.00	PCS	2800-0136-01 AXONN AXONNTRACKERVER*_*.HEX	FW GPS/STU TRACKER
62.00	---	2.00	PCS	7450-0105-01 AXONN 7450-0105-01	LBL BARCODE
63.00	---	1.00	PCS	7000-0122-02 AXONN 7000-0122-02	SHLD AREOASTRO STU SH2
64.00	---	2.00	PCS	9400-0107-00 3M 4108	FOAM TAPE 1" X 5/8" GPS MODULE
65.00	---	1.00	PCS	7450-0111-01 AXONN 7450-0111-01	LBL ASSEMBLY ID