

Standard Reliability Prediction Report

Part Number System
Reference Des
Date 1/28/2002
Environment GB, GC - Ground Benign,
Temperature 30.00



Description Top-level assembly
File Name sena tech.RPJ
Time 4:41 PM
Failure Rate 5.871820
MTBF 170,305

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
ps100	System		1.00	5.871820	170,305

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Part Number	Category	Subcategory	Description	Quantity	Failure Rate
39SF020-55 TOSP 32PIN(8*14)	Integrated Circuit	Memory	FLASH	2.00	0.154507
SP-232/SP-16	Integrated Circuit	Logic, CGA	LINE	1.00	0.003120
SP213ECN	Integrated Circuit	Logic, CGA	LINE	1.00	0.054575
SP485ECN	Integrated Circuit	Logic, CGA	LINE	2.00	0.130796
BS62LV1024-70/55	Integrated Circuit	Memory	RAM	1.00	0.003367
SM8578BV	Other	User	RTC	1.00	0.000000
RABBIT -2000	Integrated Circuit	Microproce-	CPU	1.00	0.015281
93C46S	Integrated Circuit	EEPROM	EEPROM	1.00	0.018256
XC61AN16 (SOT23)	Integrated Circuit	Linear	LOW-DET-	1.00	0.039392
XC61AC46 (SOT23)	Integrated Circuit	Linear	LOW-DET-	1.00	0.003939
RTL8019AS	Other	User	ETHERNE-	1.00	0.000000
LM2575M-5.0 SO	Integrated Circuit	Linear	REGULA-	1.00	0.025484
2N7002	Semiconductor	Si FET	N-Channel	1.00	0.152315
FDV302P	Semiconductor	Si FET	Digital FET,	1.00	0.146848
MNBT3904(SOT23)	Semiconductor	Transistor	TRANSIS-	1.00	0.003725
1N5819(SMD)	Semiconductor	Diode	SCHOTTK-	5.00	0.041151
MNBD914/SOT	Semiconductor	Diode	DIODE	1.00	0.010425
103 / 1KV DIP	Capacitor	Chip,	HIGHVOL-	2.00	0.034166
CERAMIC SMD	Capacitor	General	CERAMIC	2.00	0.003421
CAPACITOR(1608)	Capacitor	General	CERAMIC	28.00	0.047893
CAPACITOR(1608)	Capacitor	General	CERAMIC	17.00	0.009693
10PF	Capacitor	General	SERAMIC	1.00	0.000591
15PF	Capacitor	General	SERAMIC	2.00	0.001853
2200PF	Capacitor	General	SERAMIC	2.00	0.001270
33PF	Capacitor	General	CERAMIC	1.00	0.002092
330uF / 16V DIP	Capacitor	Chip, Elec	ELEC	1.00	0.001590
100uF / 50V DIP	Capacitor	Chip, Elec	ELEC	1.00	0.001396
1uF / 10V	Capacitor	Solid, Elec,	TANTAL	1.00	0.000032
330uH 1A	Inductor	Coil	INDUCTO-	4.00	0.000129
FCI 2012-R10K(SMD 2012)	Inductor	Coil	FERRITE	1.00	0.003036
BL-RVT302B -R / YELLOW	Semiconductor	Alphanume-	LED	1.00	0.026946
SAC-2512CC	Semiconductor	Thyristor	LED-CC	1.00	0.026946
SAC-2512AC	Semiconductor	Thyristor	LED-AC	1.00	0.003036
BL-RVT302B -R / GREEN	Semiconductor	Alphanume-	LED	1.00	0.003036
BL-RVT302B -R / RED	Semiconductor	Alphanume-	LED	1.00	0.008837
00hm	Resistor	Compositi-	RESISTOR -	1.00	0.002209
	Resistor	Compositi-	RESISTOR -	6.00	0.013255
	Resistor	Compositi-	RESISTOR -	1.00	0.002209
10K	Resistor	Accurate,	RESISTOR -	3.00	0.007118
47K	Resistor	Accurate,	RESISTOR -	18.00	0.042710
100K	Resistor	Accurate,	RESISTOR -	3.00	0.007118
300K	Resistor	Film,	RESISTOR -	1.00	0.000347
1M	Resistor	Compositi-	RESISTOR -	2.00	0.004418
ITA-1102V-A	Switching Device	Basic	F.SET S/W	1.00	4.132110
ISS-2203H -B	Switching Device	Rocker or	SLIDE S/W	1.00	0.023090
MALE / RIGHT ANGLE	Connection	General	DB-9	2.00	0.002188

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XF 10BASE-COMBO1-4S	Connection	Other	RJ - 45	1.00	0.280000
	Connection	Other	DC JACK	1.00	0.280000
32.768 KHz (SMD)	Miscellaneous	Quartz	CRYSTAL	1.00	0.031967
11.0592 MHz (DIP)	Miscellaneous	Quartz	CRYSTAL	1.00	0.031967
20 MHz (DIP)	Miscellaneous	Quartz	CRYSTAL	1.00	0.031967
CR2032 / 200mA	Miscellaneous	Battery	BATTERY	1.00	0.000000
	Other	User	BT	1.00	0.000000