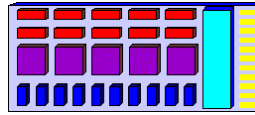


Standard Reliability Prediction Report

Part Number HE104+DX
Reference Des
Date April 24, 2006
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00

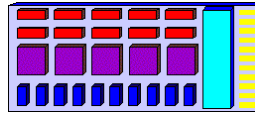


Description High Efficiency Power Supply
File Name HE104+DX.RPJ
Time 4:22 PM
Failure Rate 2.064101
MTBF 484,473

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
HE104+DX	HE104+DX		1.00	2.064101	484,473

Standard Reliability Prediction Report

Part Number HE104+DX
Reference Des
Date April 24, 2006
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00

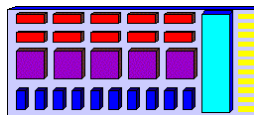


Description High Efficiency Power Supply
File Name HE104+DX.RPJ
Time 4:22 PM
Failure Rate 2.064101
MTBF 484,473

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
CAP-0603-100N	Capacitor	C13,17,57,69,88	0.013062	5.00	0.065312
CAP-0603-100P	Capacitor	C2,8	0.007015	2.00	0.014030
CAP-0603-220N	Capacitor	C15	0.014023	1.00	0.014023
CAP-0603-1N	Capacitor	C11	0.008630	1.00	0.008630
CAP-0603-270P	Capacitor	C1,7	0.007671	2.00	0.015342
CAP-0603-270N	Capacitor	C18	0.014284	1.00	0.014284
CAP-0603-2N2	Capacitor	C5,6,54	0.009265	3.00	0.027795
CAP-0603-8P	Capacitor	C9,12	0.005589	2.00	0.011177
CAP-0805-100N-100V	Capacitor	C16,21,24,25	0.013062	4.00	0.052249
CAP-0805-1U	Capacitor	C34,36,37	0.016070	3.00	0.048210
CAP-B-TANT-22U	Capacitor	C38,40,41,68,26,28,-29,77	0.008977	8.00	0.071814
CAP-D-4U7	Capacitor	C19	0.008183	1.00	0.008183
CAP-POSCAP_D-330U/6-V3	Capacitor	C45-47	0.045184	3.00	0.135552
DIODE-SI-UMELF	Semiconductor	D7,10,12	0.020765	3.00	0.062295
DIODE-SMB-60V	Semiconductor	D14-17,26,29,30,31,-33,34,35	0.001895	11.00	0.020850
DIODE-SOD323-30V	Semiconductor	D32,36,38	0.009600	3.00	0.028800
DIODE-SOD323-70V	Semiconductor	D8,11,13	0.009600	3.00	0.028800
FET-IRF7832	Semiconductor	Q8,9,12	0.107000	3.00	0.321000
FET-SO8-PPK-N-60V	Semiconductor	Q5,6,10,11	0.000293	4.00	0.001172
FET-SOT363-N	Semiconductor	Q2	0.152315	1.00	0.152315
FUSE-SMF-10A	Miscellaneous	F1	0.010000	1.00	0.010000
IC-LTC3703-5	Integrated Circuit	Q1,3,4	0.003460	3.00	0.010380
IC-LTC6902	Integrated Circuit	Q13	0.038550	1.00	0.038550
LED-SV-GRN	Semiconductor	LED1-4	0.001476	4.00	0.005905
OPTO-SO8-DUAL	Semiconductor	IC3	0.109121	1.00	0.109121
PCB-HE104+DX-V1	Connection	~	0.034000	1.00	0.034000
RES-0603-100R	Resistor	R9	0.014902	1.00	0.014902
RES-0603-10K0	Resistor	R39,80	0.014902	2.00	0.029804
RES-0603-10R	Resistor	R6,10,12	0.014902	3.00	0.044706
RES-0603-115K	Resistor	R3	0.014902	1.00	0.014902
RES-0603-120K	Resistor	R13,19	0.014902	2.00	0.029804
RES-0603-13K0	Resistor	R18	0.014902	1.00	0.014902
RES-0603-20K0	Resistor	R2,14,17,20	0.014902	4.00	0.059608
RES-0603-24K9	Resistor	R25,27,28	0.014902	3.00	0.044706
RES-0603-25K5	Resistor	R4	0.014902	1.00	0.014902
RES-0603-2K4	Resistor	R76,77	0.014902	2.00	0.029804
RES-0603-3K24	Resistor	R5,11	0.014902	2.00	0.029804
RES-0603-43K0	Resistor	R1	0.014902	1.00	0.014902
RES-0603-475R	Resistor	R73	0.014902	1.00	0.014902
RES-0603-680R	Resistor	R72	0.014902	1.00	0.014902
RES-0603-56K2	Resistor	R52	0.014902	1.00	0.014902
RES-0603-8K06	Resistor	R21,23,24	0.014902	3.00	0.044706
RES-0805-10K0	Resistor	R68,69	0.016257	2.00	0.032514
RES-0805-1K21	Resistor	R40	0.016257	1.00	0.016257
ZEN-SOD323-8V2	Semiconductor	Z1	0.043925	1.00	0.043925

Standard Reliability Prediction Report

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Description High Efficiency Power Supply
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Time 4:22 PM
Failure Rate 2.064101
MTBF 484,473

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
TR-SOT223-NPN	Semiconductor	Q20	0.002893	1.00	0.002893
VR-LT3010-5	Integrated Circuit	Q18	0.002330	1.00	0.002330
XSORB-SMCJ-43V	Semiconductor	D1-3	0.000096	3.00	0.000287
CAP-OSCN-180U	Capacitor	C51-53,67	0.005614	4.00	0.022457
CAP-OSCN-33U	Capacitor	C30,31,71,81	0.003801	4.00	0.015202
CAP-RAD-330U-63V	Capacitor	C42	0.006454	1.00	0.006454
CON-PIN-2MM-3P	Connection	JP4	0.000045	1.00	0.000045
TOR-15A-1.5UH	Inductor	L2,L5	0.000097	2.00	0.000193
TOR-2A5-2U	Inductor	L1,4	0.000097	2.00	0.000193
CON-PC104-16PF	Connection	CN1	0.052000	1.00	0.052000
CON-PC104-8PF	Connection	CN1	0.083200	1.00	0.083200
CON-PC104PLUS-PF	Connection	CN8	0.031200	1.00	0.031200
CON-PCB-RA2-0.156	Connection	CN2	0.002600	1.00	0.002600
CON-PCB-RA8-3.5	Connection	CN4	0.010400	1.00	0.010400