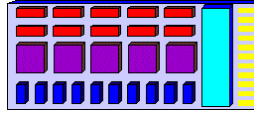


Standard Reliability Prediction Report

Part Number HEBC+V2-R1
Reference Des
Date June 10, 2004
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00

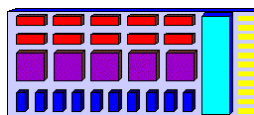


Description Top-level assembly
File Name HEBC+.RPJ
Time 4:11 PM
Failure Rate 1.421355
MTBF 703,554

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
HEBC+	HEBC+V2-R1		1.00	1.421355	703,554

Standard Reliability Prediction Report

Part Number HEBC+V2-R1
Reference Des
Date June 10, 2004
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00



Description Top-level assembly
File Name HEBC+.RPJ
Time 4:11 PM
Failure Rate 1.421355
MTBF 703,554

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
CAP-0805-0.1U	Capacitor	C1,3,8,12,13,15,16,-18,19,20,21,22,23,2-4,25,32	0.013062	16.00	0.208997
CAP-0805-100P	Capacitor	C2,5,11	0.007015	3.00	0.021045
CAP-0805-1N	Capacitor	C14	0.008630	1.00	0.008630
CAP-0805-2U2	Capacitor	C10,26	0.017252	2.00	0.034504
CAP-0805-4N7	Capacitor	C9	0.009920	1.00	0.009920
CAP-D-4U7	Capacitor	C17, 27,31	0.008183	3.00	0.024548
DIODE-SI-UMELF	Semiconductor	D5	0.020765	1.00	0.020765
DIODE-SMB-60V	Semiconductor	D1,2,3,4	0.001895	4.00	0.007582
FET-DPAK-P	Semiconductor	Q3	0.151439	1.00	0.151439
FET-SOT23-J-PCH	Semiconductor	Q1	0.057118	1.00	0.057118
IC-LT1620CS8	Integrated Circuit	IC1	0.051008	1.00	0.051008
IC-PIC16F876-04/SO	Integrated Circuit	IC4	0.226486	1.00	0.226486
IC-SP232AEN	Integrated Circuit	IC3	0.054568	1.00	0.054568
LED-SV-GRN	Semiconductor	LED1,LED2	0.001476	2.00	0.002953
OSC-SMD-4.0RES	Miscellaneous	XTAL1	0.038000	1.00	0.038000
PCB-HEBC	Connection	~	0.054400	1.00	0.054400
RES-0805-100K	Resistor	R10	0.016257	1.00	0.016257
RES-0805-10K0	Resistor	R22	0.016257	1.00	0.016257
RES-0805-110K	Resistor	R2	0.016257	1.00	0.016257
RES-0805-130K	Resistor	R12, R13	0.016257	2.00	0.032514
RES-0805-15K0	Resistor	R1,R3	0.016257	2.00	0.032514
RES-0805-1K00	Resistor	R11	0.016257	1.00	0.016257
RES-0805-20K	Resistor	R4,R5,R18	0.016257	3.00	0.048771
RES-0805-243K	Resistor	R17	0.016257	1.00	0.016257
RES-0805-32K4	Resistor	R6,R8	0.016257	2.00	0.032514
RES-0805-330K	Resistor	R7	0.016257	1.00	0.016257
RES-0805-392R	Resistor	R20,R21	0.016257	2.00	0.032514
RES-0805-3K32	Resistor	R19	0.016257	1.00	0.016257
RES-0805-49K9	Resistor	R14,R15	0.016257	2.00	0.032514
RES-0805-4K99	Resistor	R16	0.016257	1.00	0.016257
RES-SL1-017	Resistor	R9	0.003658	1.00	0.003658
VR-LTC1149CS	Integrated Circuit	IC2	0.003939	1.00	0.003939
VR-SO-78L05	Integrated Circuit	Q2	0.053343	1.00	0.053343
CAP-OSCN-180U	Capacitor	C4,C28,C29,C30	0.005614	4.00	0.022457
CAP-OSCN-33U	Capacitor	C6,C7	0.003801	2.00	0.007601
CON-PCB-2POS-0.156-RA	Connection	CN2	0.002600	1.00	0.002600
CON-PCB-5POS-0.156-RA	Connection	CN1	0.006500	1.00	0.006500
CON-PIN-0.1-6POS	Connection	CN4 / CN5	0.007800	1.00	0.007800
TOR-5A-H-50U	Inductor	L1	0.000097	1.00	0.000097