

Standard Reliability Prediction Report

Part Number PCI-HPDI32A-485-256K
Reference Des
Date September 22, 2000
Environment GB, GC - Ground Benign, Controlled
Temperature 25.00



Description High Speed 32 Bit Parallel
File Name HPDI32A-GB25.RPJ
Time 10:35 AM
Failure Rate 6.909599
MTBF 144,726

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
PCI-HPDI32A	PCI-HPDI32A-485-- 256K		1.00	6.909599	144,726
Piece Parts			1.00	6.341171	157,700
XC658CT	XC658CT		1.00	0.284214	3,518,476
SE1212	SE1212		1.00	0.284214	3,518,476

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Part Number
Reference Des
Date September 22, 2000
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Temperature 25.00



Description Individual Piece Parts
File Name HPDI32A-GB25.RPJ
Time 10:35 AM
Failure Rate 6.341171
MTBF 157,700

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
PCC103BVCT-ND	Capacitor		0.004139	99.00	0.409729
BR1111C	Semiconductor		0.001265	1.00	0.001265
P521CT	Semiconductor		0.001265	1.00	0.001265
ULPSMD04S33-M02	Connection		0.000967	1.00	0.000967
P50E-080PI-SRI-TG	Connection		0.008580	1.00	0.008580
U9472CT-ND	Resistor		0.005116	13.00	0.066505
P100HCT-ND	Resistor		0.013032	18.00	0.234571
P4.7KGCT	Resistor		0.013032	4.00	0.052127
P1.0KGCT	Resistor		0.013032	2.00	0.026063
P620GCT-ND	Resistor		0.013032	2.00	0.026063
LTC1685CS8	Integrated Circuit		0.027006	42.00	1.134264
EPF6016QC208-2	Integrated Circuit		0.653827	3.00	1.961481
PCI9080	Integrated Circuit		0.733827	1.00	0.733827
PI49FCT3807	Integrated Circuit		0.055749	3.00	0.167248
NM93CS56-M8	Integrated Circuit		0.017856	1.00	0.017856
CY7C427I-15JC	Integrated Circuit		0.138004	8.00	1.104029
ED6008	Connection		0.000967	1.00	0.000967
ED6014	Connection		0.000721	1.00	0.000721
ED6016	Connection		0.001437	5.00	0.007185
ED6020	Connection		0.001683	1.00	0.001683
PCB-PCI-HPDI32A	Connection		0.328000	1.00	0.328000
Q9561-ND	Resistor		0.005116	2.00	0.010232
Q4151	Resistor		0.002274	10.00	0.022737
EPC1PC8	Integrated Circuit		0.023806	1.00	0.023806

Standard Reliability Prediction Report

Part Number XC658CT
Reference Des
Date September 22, 2000
Environment GB, GC - Ground Benign, Controlled
Temperature 25.00



Description Est. of M CLK
File Name HPDI32A-GB25.RPJ
Time 10:35 AM
Failure Rate 0.284214
MTBF 3,518,476

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
OPAMP	Integrated Circuit		0.041124	2.00	0.082247
XTAL	Miscellaneous		0.054375	1.00	0.054375
BUFFER	Integrated Circuit		0.041124	1.00	0.041124
CAP	Capacitor		0.004139	8.00	0.033109
RES	Resistor		0.013032	5.00	0.065159
PCB	Connection		0.008200	1.00	0.008200

Standard Reliability Prediction Report

Part Number SE1212
Reference Des
Date September 22, 2000
Environment GB, GC - Ground Benign, Controlled
Temperature 25.00



Description Est. of TX CLK
File Name HPDI32A-GB25.RPJ
Time 10:35 AM
Failure Rate 0.284214
MTBF 3,518,476

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
OPAMP	Integrated Circuit		0.041124	2.00	0.082247
XTAL	Miscellaneous		0.054375	1.00	0.054375
BUFFER	Integrated Circuit		0.041124	1.00	0.041124
CAP	Capacitor		0.004139	8.00	0.033109
RES	Resistor		0.013032	5.00	0.065159
PCB	Connection		0.008200	1.00	0.008200