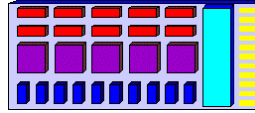


**Standard Reliability Prediction Report**

**Part Number** PCD104-ISA V1.0  
**Reference Des**  
**Date** June 4, 2004  
**Environment** GB, GC - Ground Benign, Controlled  
**Temperature** 30.00

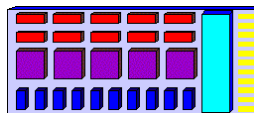


**Description** Top-level assembly  
**File Name** POSTCODE.RPJ  
**Time** 10:56 AM  
**Failure Rate** 1.744899  
**MTBF** 573,099

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
POSTCODE	PCD104-ISA V1.0		1.00	1.744899	573,099

**Standard Reliability Prediction Report**

**Part Number** PCD104-ISA V1.0  
**Reference Des**  
**Date** June 4, 2004  
**Environment** GB, GC - Ground Benign, Controlled  
**Temperature** 30.00



**Description** Top-level assembly  
**File Name** POSTCODE.RPJ  
**Time** 10:56 AM  
**Failure Rate** 1.744899  
**MTBF** 573,099

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
CON-PIN3-2MM	Connection	JP1	0.003900	1.00	0.003900
CAP-0805-100N	Capacitor	C1 C2 C3 C4 C5 C6 C7 C8	0.013062	8.00	0.104498
RES-0603-10K0	Resistor	R17 R18 R19	0.014902	3.00	0.044706
CAP-0603-20P	Capacitor	C9 C10	0.006069	2.00	0.012138
RES-0603-330R	Resistor	R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16	0.014902	16.00	0.238433
CON-PC104-16	Connection	CN4	0.052000	1.00	0.052000
CON-PC104-8	Connection	CN2	0.083200	1.00	0.083200
OSC-ECS-200-20-23B-TR	Miscellaneous	X1	0.054375	1.00	0.054375
PCB-PCD104-ISA-V1.0	Connection	CN1	0.054400	1.00	0.054400
LED-LA-401VD	Semiconductor	LED1 LED2	0.001476	2.00	0.002953
IC-MAX232A	Integrated Circuit	IC2	0.054568	1.00	0.054568
IC-PIC16F877-20/PT	Integrated Circuit	IC1	0.258690	1.00	0.258690
CON-EDGE-10	Connection	CN3	0.234000	1.00	0.234000
IC-74HCT138	Integrated Circuit	IC4 IC5	0.048491	2.00	0.096981
IC-74HCT139	Integrated Circuit	IC3	0.048491	1.00	0.048491
SWT-PB1	Switching Device	S1 S2	0.200783	2.00	0.401566