

2002/11/27

ISE ELECTRONICS CORP.

PRODUCTS END. DEPT.

Reliability prediction of GU280X16G-7003

DS-953-1000-00

[T a = 2 5 ° C]

Name of Components	Qty. (np)	Fail. Rate(Fit) (p) x 10E-9	np * p(Fit) x 10E-9
CPU	1	76	76
C-MOS IC/TTLIC	4	22	88
Other IC	2	2	4
Transistor	4	2	8
Diode & Zener	4	10	40
Capasitor Ceramic	29	0.41	11.89
Resistor Fixed	41	0.025	1.025
Resistor Network	1	0.028	0.028
Coil	1	2	2
FAR	1	30	30
Fuse	1	10	10
PC Board	1	10	10
VFD	1	600	600
Soldering Point(SMD)	316	0.069	21.804
Soldering Point(other)	18	2.6	46.8
Total (Fit)	-	-	949.547
MTBF (Hrs)	-	-	1,053,134

	SIGN	DATE
APP	M. Sup	2002.11.27
CH	芝田	2002.11.27
DR	Y. RV	2002.11.27