

2003/3/14

NORITAKE ITRON CORP.

PRODUCTS END. DEPT.

Reliability prediction of GU140X32F-7003

DS-917-1000-00

[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	2	22	44
Other IC	2	2	4
Transistor	5	2	10
Diode & Zener	2	10	20
Capasitor Ceramic	19	0.41	7.79
Resistor Fixed	31	0.025	0.775
Resistor Network	3	0.028	0.084
Coil	1	2	2
FAR	1	30	30
Fuse	1	10	10
PC Board	1	10	10
VFD	1	600	600
Soldering Point(SMD)	288	0.069	19.872
Soldering Point(other)	18	2.6	46.8
Total (Fit)	-	-	881.321
MTBF (Hrs)	-	-	1,134,660

	SIGN	DATE
APP	杉田	2003.3.14
CH	芝田	2003.3.14
DR	9-141	2003.3.14