

2002/12/20

NORITAKE ITRON CORP.
PRODUCTS END. DEPT.

Reliability prediction of GU256X64D-3100
DS-895-1000-00

[T a = 25°C]

Item	Qty. (np)	Fail. Rate(Fit) (p) x 10E-9	np * p(Fit) x 10E-9
CPU	1	76	76
Flash ROM	1	100	100
C-MOS IC/TTLIC	4	22	88
Other IC	2	2	4
Interface IC	1	18	18
Transistor	9	2	18
Diode & Zener	9	10	90
Capasitor Electr AL	1	20	20
Capasitor Ceramic	40	0.41	16.4
Resistor Fixed	37	0.025	0.925
Resistor Network	12	0.028	0.336
Coil	2	2	4
XTAL	1	20	20
Fuse	1	10	10
PC Board	1	10	10
Connector (16pin)	1	0.48	0.48
Connector (7pin)	1	1.8	1.8
DIP Switch	1	5	5
VFD	1	600	600
Soldering Point (SMD)	594	0.069	40.986
Soldering Point (other)	44	2.6	114.4
Total (Fit)	-	-	1238.327
MTBF (Hrs)	-	-	807,541

	SIGN	DATE
APP	杉田	2002.12.20
CH	菅田	2002.12.20
DR	← 杉田	2002.12.20