

2003/10/21

NORITAKE ITRON CORP.
PRODUCTS END. DEPT.Reliability prediction of GU256X64F-3100
DS-894-1000-00

[T a = 2 5 ° 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	6	22	132
Other IC	3	2	6
Interface IC	1	18	18
Transistor	16	2	32
Diode & Zener	26	10	260
Capasitor Electr AL	1	20	20
Capasitor Ceramic	54	0.41	22.14
Resistor Fixed	65	0.025	1.625
Resistor Network	18	0.028	0.504
Coil	3	2	6
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)	834	0.069	57.546
Soldering Point(other)	49	2.6	127.4
Total(Fit)	-	-	1506.495
MTBF(Hrs)	-	-	663,792

	SIGN	DATE
APP	杉田	2002.10.21
CH	笠田	2003.10.21
DR	鹿田	2003.10.21