

2005/6/14

NORITAKE ITRON CORP.  
PRODUCTS END. DEPT.

Reliability prediction of GU256X32D-3100/3900  
DS-1016-1000-01

[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	3	2	6
Interface IC	1	18	18
Transistor	4	2	8
Diode & Zener	5	10	50
Capasitor Electr AL	1	20	20
Capasitor Ceramic	42	0.41	17.22
Resistor Fixed	43	0.025	1.075
Resistor Network	18	0.028	0.504
Coil	1	2	2
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)	646	0.069	44.574
Soldering Point(other)	41	2.6	106.6
Total(Fit)	-	-	1185.253
MTBF(Hrs)	-	-	843,702

	SIGN	DATE
APP		05.06.13
CH	芝田	2005.06.13
DR		05.06.13