

2003/9/3

NORITAKE ITRON CORP.
PRODUCTS END. DEPT.Reliability prediction of GU256X64C-3100/3900
DS-1036-1000-00[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	3	2	6
Interface IC	1	18	18
Transistor	7	2	14
Diode & Zener	6	10	60
Capasitor Electr AL	1	20	20
Capasitor Ceramic	44	0.41	18.04
Resistor Fixed	45	0.025	1.125
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)	666	0.069	45.954
Soldering Point(other)	52	2.6	135.2
Total(Fit)	-	-	1232.103
MTBF(Hrs)	-	-	811,620

	SIGN	DATE
APP		2003.9.3
CH	芝田	2003.9.3
DR		2003.9.3