

2002/11/18

ISE ELECTRONICS CORP.

PRODUCTS END. DEPT.

Reliability prediction of GU256X128E-3100
DS-906-1000-00

[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	11	22	242
Other IC	7	2	14
Interface IC	1	18	18
Transistor	7	2	14
Diode & Zener	27	10	270
Capasitor Electr AL	1	20	20
Capasitor Ceramic	83	0.41	34.03
Resistor Fixed	69	0.025	1.725
Resistor Network	18	0.028	0.504
Coil	5	2	10
XTAL	1	20	20
Fuse	2	10	20
PC Board	1	10	10
Connector (16pin)	1	0.48	0.48
Connector (7pin)	1	1.8	1.8
Connector (8pin)	1	1.8	1.8
DIP Switch	1	5	5
VFD	1	700	700
Soldering Point (SMD)	970	0.069	66.93
Soldering Point (other)	67	2.6	174.2
Total (Fit)	-	-	1800.469
MTBF (Hrs)	-	-	555,411

	SIGN	DATE
APP	<i>M. Sugi</i>	2002.11.19
CH	<i>芝田</i>	2002.11.19
DR	<i>G. Osh</i>	2002.11.19