

2003/7/24

ISE ELECTRONICS CORP.  
PRODUCTS END. DEPT.

Reliability prediction of GU140X16J-7000  
DS-948-1000-00

[T a = 2 5°C]

Name of Components	Qty. (np)	Fail. Rate(Fit) ( p) x 10E-9	np * p(Fit) x 10E-9
CPU	1	76	76
C-MOS IC/TTLIC	6	22	132
Other IC	2	2	4
Transistor	6	2	12
Diode & Zener	5	10	50
Capasitor Ceramic	32	0.41	13.12
Resistor Fixed	42	0.025	1.05
Resistor Network	3	0.028	0.084
Coil	1	2	2
FAR	1	30	30
Fuse	1	10	10
PC Board	1	10	10
VFD	1	600	600
Soldering Point(SMD)	344	0.069	23.736
Soldering Point(other)	18	2.6	46.8
Total(Fit)	-	-	1010.79
MTBF(Hrs)	-	-	989,325

	SIGN	DATE
APP	<i>M. Sup</i>	2003. 7. 24
CH	<i>菅田</i>	2003. 7. 24
DR	<i>J. Lu</i>	2003. 7. 24