

2003/1/28

NORITAKE ITRON CORP.
PRODUCTS END. DEPT.Reliability prediction of CU16029ECPB-W1J
DS-969-1000-00[T_a = 25°C]

Name of Components	Qty. (np)	Fail. Rate(Fit) (p) x 10E-9	np * p(Fit) x 10E-9
Controller	1	54	54
Other ICs	1	1	1
Transistor	2	2	4
Diode	2	10	20
Capasitor Electr AL	1	20	20
Capasitor OS	1	20	20
Capasitor Ceramic	10	0.41	4.1
Resistor Fixed	22	0.025	0.55
transformer	1	20	20
PC Board	1	4	4
Connector (3pin)	1	1.8	1.8
VFD	1	400	400
Soldering Point (SMD)	224	0.069	15.456
Soldering Point (other)	127	2.6	330.2
Total (Fit)	-	-	895.106
MTBF (Hrs)	-	-	1,117,186

	SIGN	DATE
APP	<i>M. S. S.</i>	2003.1.28
CH	<i>笠田</i>	2003.1.28
DR	<i>Y. S.</i>	2003.1.28