

2009/2/13

NORITAKE ITRON CORP.  
PRODUCTS END. DEPT.

Reliability prediction of CU209-TW202A  
DS-1027-1000-00

[T a = 25°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	3	22	66
Other IC	3	2	6
Transistor	4	2	8
Diode & Zener	7	10	70
Capasitor Ceramic	36	0.41	14.76
Capasitor Electr AL	1	20	20
Resistor Fixed	46	0.025	1.15
Resistor Network	6	0.028	0.168
Coil	1	2	2
Resonator	1	30	30
Fuse	1	10	10
PC Board	1	10	10
Connector(16pin)	1	0.48	0.48
Connector(3pin)	1	1.8	1.8
VFD	1	450	450
Soldering Point(SMD)	390	0.069	26.91
Soldering Point(other)	37	2.6	96.2
Total(Fit)	-	-	889.468
MTBF(Hrs)	-	-	1,124,268

	SIGN	DATE
APP	<i>[Signature]</i>	09. 2. 13
CH	<i>Y. Kohama</i>	09. 2. 13
DR	<i>[Signature]</i>	09. 2. 13