

測試檢驗報告

TESTING / INSPECTION REPORT

委託者 Applicant	彭芳鈴	發行日期 Issue date	2003/03/04
檢驗物品 Commodity	Switch	版本 Revision	B1
型號 Model	DES-3226S	總頁數 Total Page	4

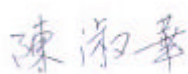
測試檢驗項目

TESTING / INSPECTION ITEMS

MTBF Prediction.....P1-P3

測試工程師

Prepared By :



確認

Checked By :



核准簽名

Approved

By :





Name	DES-3226S	Temperature	25.00
Type	Switch	File Name	DES3226SB1-
Date	2003 03, 04	Standar	MIL-HDBK-217F
Time	1:26 PM	Failure Rate	10.953655 E-6
Environment	GB, GC - Ground Benign, Controlled	MTBF	91,294 hours

Assembly Name	Description	Qty	Failure Rate	MTBF
DES-3226S	Switch	1.00	10.953655	91293.73

Standard Reliability Prediction Report

Part Number DES3226SBEB1
Date 2003 3 ,04
Environment GB, GC - Ground Benign, Controlled
Temperature 25.00

File Name DES3226SB1.-
Time 1:26 PM
Failure Rate 10.953655E-6
MTBF 91,294 hours

Part Number	Description	Failure Rate, Unit	Quantity	Failure Rate
111100142100	IC CMOS 74AHC14 SOP 14P	0.008227	1.00	0.008227
111900042103	IC CMOS 74LVC04ADR SOP 14P(0.005341	1.00	0.005341
130091725500	IC REGULATOR RT9172-25 TO-2	0.002917	1.00	0.002917
137017736800	IC ADJ REG LTC1773EMS MSOP1	0.005366	1.00	0.005366
139030125800	IC VOLT. DET. XC61FC3012 SO	0.002222	1.00	0.002222
140032439700	IC MAX3243CDBR(RS-232)SSOP	0.012235	1.00	0.012235
147003012000	IC ICS301-28 SO 8P	0.004645	1.00	0.004645
152043020002	EEPROM 24LC02(3.3V)DIP 8P(0.005011	1.00	0.005011
155077839801	SDRAM 8M*16(HY57V281620HCT-	0.021064	2.00	0.042128
155899828700	IC SDRAM(IC42S16100-7T)TSOP	0.021145	4.00	0.084578
157054189500	FLH AM29LV800BB-90EC TSOP	0.017716	1.00	0.017716
157074189500	FLASH AM29LV160DB-90EC TSO	0.019359	1.00	0.019359
160800523868	IC BCM5238UA2KQM(A2)MQFP 12	0.180862	3.00	0.542585
161001392775	IC MIC- CTR TMPR3927CF PQFP	0.195722	1.00	0.195722
161100561680	IC SW BCM5616A1KTB(A1)TBGA	0.152909	1.00	0.152909
170720324202	IC ispLSI 2032VE-110LJ PLC	0.147130	1.00	0.147130
220000003000	RES 0 5% 1/16W SMD 0603	0.005404	9.00	0.048633
220000003300	RES 0 5% 1/4W SMD 1206	0.005404	2.00	0.010807
220001001900	RES 0.01 1% 3/4W 2010 SMD	0.010424	1.00	0.010424
220100033000	RES 1K 5% 1/16W SMD 0603	0.005404	11.00	0.059441
220100033000	RES 1K 5% 1/16W SMD 0603	0.005404	8.00	0.043230
220124031000	RES 1.24K 1% 1/16W SMD 060	0.005404	4.00	0.021615
220200041000	RES 20K 1% 1/16W SMD 0603	0.005404	1.00	0.005404
220220023000	RES 220 5% 1/16W SMD 0603	0.005404	2.00	0.010807
220220023000	RES 220 5% 1/16W SMD 0603	0.005404	48.00	0.259379
220255041000	RES 25.5K 1% 1/16W SMD 0603	0.005404	1.00	0.005404
220255041000	RES 25.5K 1% 1/16W SMD 0603	0.005404	1.00	0.005404
220270003000	RES 2.7 5% 1/16W SMD 0603	0.005404	5.00	0.027019
220330011000	RES 33 1% 1/16W SMD 0603	0.005404	28.00	0.151304
220330011000	RES 33 1% 1/16W SMD 0603	0.005404	14.00	0.075652
220470033000	RES 4.7K 5% 1/16W SMD 0603	0.005404	2.00	0.010807
220470033000	RES 4.7K 5% 1/16W SMD 0603	0.005404	44.00	0.237764
220510011000	RES 51 1% 1/16W SMD 0603	0.005404	129.00	0.697080
220510011000	RES 51 1% 1/16W SMD 0603	0.005404	49.00	0.264782
220750013000	RES 75 5% 1/16W SMD 0603	0.005404	51.00	0.275590
220750013000	RES 75 5% 1/16W SMD 0603	0.005404	3.00	0.016211
245025116000	RES ARRAY 51*4 1/16W 5% SMD	0.005404	6.00	0.032422
302103012601	CAP 1000PF X7R 25V 10% 0	0.004177	46.00	0.192138
302107014601	CAP/S 0.01UF X7R 50V 10% 0	0.005139	239.00	1.228156
302107014601	CAP/S 0.01UF X7R 50V 10% 0	0.005139	11.00	0.056526
302108021801	CAP 0.1UF Y5V 16V +80-20% 0	0.006322	11.00	0.069542
302108021801	CAP 0.1UF Y5V 16V +80-20% 0	0.006322	2.00	0.012644
302151009503	CAP 15PF NPO 2KV 5% SMD 120	0.001417	30.00	0.042504
302222014601	CAP 220PF X7R 50V 10% SMD 0	0.003645	16.00	0.058317
302222014601	CAP 220PF X7R 50V 10% SMD 0	0.003645	5.00	0.018224
302226021802	CAP 2.2UF Y5V 16V +80-20% 0	0.008350	8.00	0.066798
302331004601	CAP 33PF NPO 50V 10% SMD 06	0.003073	1.00	0.003073
320108240321	E-CAP 100UF 25V 20% (10	0.001175	11.00	0.012925
320478150309	E-CAP 470UF 6.3V 20% 105C	0.002185	3.00	0.006556
325108240308	E-CAP 100uF 25V 20% (6*11)	0.001175	10.00	0.011750
4500000002OK	TRAN. N-CHNL. SI9804DY SO-8	0.000467	1.00	0.000467



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File Name DES3226SB1.-
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Failure Rate 10.953655E-6
MTBF 91,294 hours

Part Number	Description	Failure Rate, Unit	Quantity	Failure Rate
452906375331	TRAN.P-CH. MOSFET FDS6375 S	0.000467	1.00	0.000467
490300000332	LED LAMP 3# (-,G,G) W/HOLDE	0.008785	1.00	0.008785
500140241020	BEAD CORE 400OHM 0.1A SMD 0	0.000030	22.00	0.000660
500140241020	BEAD CORE 400OHM 0.1A SMD 0	0.000030	26.00	0.000780
501835027030	INDUCTOR 3.5UH 7A 20% SMD	0.000030	1.00	0.000030
501840144020	BEAD 40OHM/100MHZ 0.4A SMD0	0.022000	5.00	0.110000
516087311340	10/100BASE-T LF8731 SMD 40P	0.130000	6.00	0.780000
551250084199	OSC 125MHZ 50PPM 3.3V SMD E	0.022000	1.00	0.022000
552500074120	OSC 25MHZ 50PPM 3.3V SMD TX	0.022000	1.00	0.022000
558330062160	OSC 8.33MHz 25PPM 3.3V SMD	0.022000	1.00	0.022000
601255710191	CONN CHAMP050 120P REC R/A	0.000500	1.00	0.000500
641250255001	FAN DC12V 4*4*1CM(M)5CM(T&T)	0.913270	2.00	1.826541
691631739021	SPS 40W(3.3/12V 10/.5A)	2.863000	1.00	2.863000