

## RELIABILITY MONITOR

**DS12887 JAN '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0231	331980	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
30743	SOLDERABILITY	JESD22-B102	3	1	DYS	0
		TOTAL:				0
30744	PHYSICAL DIMENSIONS	JESD22-B100	6	1	DYS	0
		TOTAL:				0
30745	TEMP CYCLE	-40 TO 85C	100	300	CYS	0
		TOTAL:				0
30746	BIASED MOISTURE	85/85, 5.5 VOLTS	100	500	HRS	0
		85/85, 5.5 VOLTS	100	1000	HRS	0
		TOTAL:				0

<b>FAILURE MODE</b>	<b>VERIFICATION</b>	<b>FA NUMBER</b>	<b>FAILURE MECHANISM</b>
BATDROP	THIS APPEARS TO BE A VERY MARGINAL ISSUE TO A NON DATA SHEET TEST. NO FURTHER ACTION PLANNED AT THIS TIME.		

**PROJECT NO: 25546**

## RELIABILITY MONITOR

**DS1990 FEB '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1990	J3-F50-B	0301	334146-1	2	iButton F50w/IC's	0	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
31052	STORAGE LIFE	70 C	77	500	HRS	0
		70 C	77	1000	HRS	0
		TOTAL:				0
31053	TEMP CYCLE	-40 TO 85C	77	500	CYS	0
		TOTAL:				0
31054	MOISTURE SOAK	60C/90% R.H.	77	500	HRS	0
		60C/90% R.H.	77	1000	HRS	0
		TOTAL:				0

**PROJECT NO: 26121**

## RELIABILITY MONITOR

**DS1990 MAY '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1990	J3-F50-B	0304	334377-1	2	iButton F50w/IC's	0	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
31395	STORAGE LIFE	70 C	77	500	HRS	0
		70 C	77	1000	HRS	0
		TOTAL:				0
31396	TEMP CYCLE	-40 TO 85C	77	500	CYS	0
		TOTAL:				0
31397	MOISTURE SOAK	60C/90% R.H.	77	500	HRS	0
		60C/90% R.H.	77	1000	HRS	0
		TOTAL:				0

**PROJECT NO: 26742**

## RELIABILITY MONITOR

**DS1992 JUN '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1992	E7-F50-E	0315	335226-1	2	iButton F50 w/Bump	0	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
31652	STORAGE LIFE	70 C	77	500	HRS	0
		TOTAL:				0
31653	TEMP CYCLE	-40 TO 85C	77	500	CYS	0
		TOTAL:				0
31654	MOISTURE SOAK	60C/90% R.H.	76	500	HRS	0
		TOTAL:				0

**PROJECT NO: 27321**

## RELIABILITY MONITOR

**DS29020 MAR '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS29020	A7-340	0252	DX310061AAA	3	Cartridge	250	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
31048	STORAGE LIFE	85 C	75	336	HRS	0
		TOTAL:				0
31049	TEMP CYCLE	-40 TO 85C	77	300	CYS	0
		TOTAL:				0
31050	MOISTURE SOAK	85 C/85% R.H.	77	274	HRS	0
		TOTAL:				0

**PROJECT NO: 26119**

## RELIABILITY MONITOR

**DS29020 JUN '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS29020	A7-340	0317	DX327020AAA	3	Cartridge	250	Consonic T

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
31644	STORAGE LIFE	85 C	77	336	HRS	0
		TOTAL:				0
31645	TEMP CYCLE	-40 TO 85C	77	300	CYS	0
		TOTAL:				0
31646	MOISTURE SOAK	85 C/85% R.H.	77	274	HRS	0
		TOTAL:				0

**PROJECT NO: 27320**

## RELIABILITY MONITOR

**DS3832C-311 + DS3802 MAR '03 MONITOR**

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS3832	B-C311	0215	964558-1	168	BGA Module, 1 Side	44x44x	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
30846	STORAGE LIFE	125C	24	24	HRS	
	MOISTURE SOAK	30C/60% R.H.	24	192	HRS	
	CONVECTION REFLOW	220C	24	2	PASS	3
	TOTAL:					3
<b>FAILURE MODE</b>	<b>VERIFICATION</b>	<b>FA NUMBER</b>	<b>FAILURE MECHANISM</b>			
Solder	Submitted by Pat Mesker, 5/14/03.	30012418				
30847	0 HR TEST	Connect Cap & Base	24	1		0
	TOTAL:					0
30848	STORAGE LIFE	85 C	8	500	HRS	0
		85 C	8	1000	HRS	0
	TOTAL:					0
30849	TEMP CYCLE	-40 TO 85C	8	500	CYS	0
		-40 TO 85C	8	1000	CYS	0
	EXTERNAL VISUAL	JESD22-B101	8	6	DYS	0
	TOTAL:					0
30850	MOISTURE SOAK	60C/90% R.H.	8	500	HRS	0
		60C/90% R.H.	8	1000	HRS	0
	TOTAL:					0

**PROJECT NO: 25000**