

RELIABILITY MONITOR

DS1230Y-100 JUL '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	A1-Y	0119	302244	28	Module w/SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
27331	SOLDERABILITY	JESD22-B102	3			0
		TOTAL:				0
27332	PHYSICAL DIMENSIONS	JESD22-B100	6			0
		TOTAL:				0
27333	STORAGE LIFE	85 C	200	48	HOUR	1
		TOTAL:				1
	FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM	
	OPENS	PIN 8 OPEN		30001743		
27334	TEMP CYCLE	-40 TO 85C	99	300	CYCL	1
		TOTAL:				1
	FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM	
	VBAT_INIT	LOW BATTERY				
27335	MOISTURE SOAK	60C/90% R.H.	100	288	HOUR	0
		60C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

PROJECT NO: 18754

RELIABILITY MONITOR

DS1230Y-100 JAN '02 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	A1-Y	0201	304930	28	Module w/SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
28618	SOLDERABILITY	JESD22-B102	3			0
		TOTAL:				0
28620	STORAGE LIFE	85 C	200	48	HOUR	0
		TOTAL:				0
28621	TEMP CYCLE	-40 TO 85C	100	300	CYCL	2
		TOTAL:				2
FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM		
BATTERY VLTG						
28622	MOISTURE SOAK	60C/90% R.H.	100	288	HOUR	1
		TOTAL:				1
FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM		
CHECKERBD YFAST						

PROJECT NO: 20891

RELIABILITY MONITOR

DS12887 JAN '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0043	300511	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26448	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26449	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26450	INFANT LIFE	85 C	200	48	HOUR	0
		TOTAL:				0
26451	TEMP CYCLE	-40 TO 85C	100	300	CYCL	0
		TOTAL:				0
26452	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	96	959	HOUR	0
		TOTAL:				0

PROJECT NO: 16723

RELIABILITY MONITOR

DS12887 APR '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0102	301097	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26875	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26876	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26877	INFANT LIFE	85 C	200	48	HOUR	0
		TOTAL:				0
26878	TEMP CYCLE	-40 TO 85C	100	300	CYCL	0
		TOTAL:				0
26879	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	1
		85/85, 5.5 VOLTS	99	959	HOUR	0
		TOTAL:				1
FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM		
WAKEUP TEST	WAKEUP					

PROJECT NO: 18001

RELIABILITY MONITOR

DS12887 JUL '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0121	302296	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
27356	SOLDERABILITY	JESD22-B102	3			0
		TOTAL:				0
27357	PHYSICAL DIMENSIONS	JESD22-B100	6			0
		TOTAL:				0
27358	INFANT LIFE	85 C	200	48	HOUR	0
		TOTAL:				0
27359	TEMP CYCLE	-40 TO 85C	100	300	CYCL	0
		TOTAL:				0
27360	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	100	959	HOUR	0
		TOTAL:				0

PROJECT NO: 18778

RELIABILITY MONITOR

DS12887 OCT '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0137	303363	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
28010	SOLDERABILITY	JESD22-B102	3			0
		TOTAL:				0
28012	INFANT LIFE	85 C	200	48	HOUR	0
		TOTAL:				0
28013	TEMP CYCLE	-40 TO 85C	100	300	CYCL	0
		TOTAL:				0
28014	BIASED MOISTURE	85/85, 5.5 VOLTS	99	274	HOUR	0
		85/85, 5.5 VOLTS	99	959	HOUR	0
		TOTAL:				0

PROJECT NO: 19604

RELIABILITY MONITOR

DS12887 JAN '02 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0203	305911	24	Module w/Bent Frame	720	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
28605	SOLDERABILITY	JESD22-B102	3			0
		TOTAL:				0
28607	TEMP CYCLE	-40 TO 85C	100	300	CYCL	0
		TOTAL:				0
28608	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	100	959	HOUR	11
		TOTAL:				11

FAILURE MODE	VERIFICATION	FA NUMBER	FAILURE MECHANISM
OPENS	(#5) IN VERIFICATION		
BATTERY VOLTAGE	(#1,2,3,4,6,7,8,9,10,11) IN VERIFICATION		

PROJECT NO: 20889

RELIABILITY MONITOR

DS1643-100 NOV '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1643	C1	0151	304797	28	Module w/Hi Density SMT	720	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
28562	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
28564	STORAGE LIFE	70 C	77	336	HOUR	0
		70 C	77	1000	HOUR	0
		TOTAL:				0
28565	TEMP CYCLE	0C TO 70C	77	300	CYCL	0
		0C TO 70C	77	1000	CYCL	0
		TOTAL:				0

PROJECT NO: 18890

RELIABILITY MONITOR

DS1992 SEP '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1992	E7-F50-E	0136	DB109491AAG	2	iButton F50 w/Bump	0	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
27835	STORAGE LIFE	70 C	77	336	HOUR	0
		70 C	77	1000	HOUR	0
		TOTAL:				0
27836	TEMP CYCLE	-40 TO 85C	77	300	CYCL	0
		TOTAL:				0
27837	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		60C/90% R.H.	77	960	HOUR	0
		TOTAL:				0

PROJECT NO: 19200

RELIABILITY MONITOR

DS1992 DEC '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1992	E7-F50-E	0201	304746-1	2	iButton F50 w/Bump	0	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
28568	STORAGE LIFE	70 C	77	336	HOUR	0
		70 C	77	1000	HOUR	0
		TOTAL:				0
28569	TEMP CYCLE	-40 TO 85C	77	300	CYCL	0
		TOTAL:				0
28570	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		TOTAL:				0

PROJECT NO: 20884

RELIABILITY MONITOR

DS2502 APR '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2502	C4	0107	DE041143AKA	6	TSOC	150x1.2	OSEP

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26914	ULTRASOUND	J-STD-020	4			0
		TOTAL:				0
26915	STORAGE LIFE	125C	151	24	HOUR	
	MOISTURE SOAK	85 C/85% R.H.	151	168	HOUR	
	CONVECTION REFLOW	235C	151	3	PASS	0
		TOTAL:				0
26916	PRECONDITION U/S	J-STD-020	4			0
		TOTAL:				0
26917	TEMP CYCLE	-55C TO 125C	77	300	CYCL	0
		-55C TO 125C	77	1000	CYCL	0
		TOTAL:				0
26918	AUTOCLAVE	121C, 2 ATM STEAM, UNBIASED	70	96	HOUR	0
		TOTAL:				0

PROJECT NO: 18042

RELIABILITY MONITOR

DS2502 JUL '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2502	C4	0125	DE052527ACA	6	TSOC	150x1.2	OSEP

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
27372	ULTRASOUND	J-STD-020	4			0
		TOTAL:				0
27373	STORAGE LIFE	125C	151	24	HOUR	
	MOISTURE SOAK	85 C/85% R.H.	151	168	HOUR	
	CONVECTION REFLOW	235C	151	3	PASS	0
		TOTAL:				0
27374	PRECONDITION U/S	J-STD-020	4			0
		TOTAL:				0
27375	TEMP CYCLE	-55C TO 125C	77	300	CYCL	0
		-55C TO 125C	77	1000	CYCL	0
		TOTAL:				0
27376	AUTOCLAVE	121C, 2 ATM STEAM, UNBIASED	70	96	HOUR	0
		TOTAL:				0

PROJECT NO: 18780

RELIABILITY MONITOR

DS2902 JUN '01 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS29020	A7-340	0158	DX043531AEA	3	Cartridge	250	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
27164	STORAGE LIFE	85 C	77	336	HOUR	0
		TOTAL:				0
27165	TEMP CYCLE	-40 TO 85C	77	300	CYCL	0
		TOTAL:				0
27166	MOISTURE SOAK	85 C/85% R.H.	77	274	HOUR	0
		TOTAL:				0

PROJECT NO: 18401

RELIABILITY MONITOR

DS3816 & DS3801 NOV '00 MONITOR

DEVICE	REVISION	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS3816	A-C501	0041	120701	168	BGA Module, 2 Sided, Fr	1725x1	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26051	STORAGE LIFE	125C	99	24	HOUR	
	MOISTURE SOAK	30C/60% R.H.	99	144	HOUR	
	CONVECTION REFLOW	220C	99	2	PASS	0
	TOTAL:					0
26053	STORAGE LIFE	85 C	33	336	HOUR	0
		85 C	30	1000	HOUR	1
		85 C	29	2000	HOUR	0
	TOTAL:					1
FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM		
WRACC_MIN	WRACC MIN		30000664			
26054	TEMP CYCLE	0C TO 70C	33	300	CYCL	0
		0C TO 70C	28	1000	CYCL	0
		0C TO 70C	25	2000	CYCL	0
	TOTAL:					0
26055	MOISTURE SOAK	60C/90% R.H.	33	288	HOUR	2
	TOTAL:					2
FAILURE MODE	VERIFICATION		FA NUMBER	FAILURE MECHANISM		
OSC OFF	OSC OFF		20010047			

PROJECT NO: 16462