

## RELIABILITY MONITOR

**DS1225AB-200 MAY '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1225	S	9806	100539	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22069	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P22070	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P22071	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P22140	TEMP CYCLE	0 TO 70°C	99	300	CYCL	0
		0 TO 70°C	99	1000	CYCL	0
		TOTAL:				0
P22141	MOISTURE SOAK	60°C/90% R.H.	100	288	HOUR	0
		60°C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

**DS1225AB-200 AUG '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1225A	S	9809	100640	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22374	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P22375	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P22376	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P22425	MOISTURE SOAK	60°C/90% R.H.	100	288	HOUR	0
		60°C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS1230AB-200 JUL '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1230	C	9810	100658	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22214	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	1
		TOTAL:				1
P22215	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P22216	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P22269	MOISTURE SOAK	60°C/90% R.H.	100	288	HOUR	0
		60°C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
P22214	DEWETTING	DEWETTING WAS 10% ALONG SIDES OF LEAD.	NONE

## RELIABILITY MONITOR

### DS1230Y-100 JAN '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1230Y	H	9747	098395	34LD LOW PROFILE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21247	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P21248	HIGH TEMP STORAGE	70°C	77	336	HOUR	0
		70°C	77	1000	HOUR	0
		TOTAL:				0
P21249	TEMP CYCLE	0 TO 70°C	77	300	CYCL	0
		0 TO 70°C	77	1000	CYCL	0
		TOTAL:				0
P21250	MOISTURE SOAK	ELEC TEST	77	0	HOUR	0
		60°C/90% R.H.	77	288	HOUR	0
		60°C/90% R.H.	77	960	HOUR	0
		ELEC TEST	77	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS1230Y-100 APR '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1230Y	H	9748	098467	34LD LOW PROFILE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21896	PHYSICAL DIMENSIONS	MIL-STD-883-2016	5	1	WEEK	0
		TOTAL:				0
P21897	HIGH TEMP STORAGE	70°C	77	336	HOUR	0
		70°C	77	1000	HOUR	0
		TOTAL:				0
P21898	TEMP CYCLE	0 TO 70°C	77	300	CYCL	0
		0 TO 70°C	77	1000	CYCL	0
		TOTAL:				0
P21899	MOISTURE SOAK	ELEC TEST	77	0	HOUR	0
		60°C/90% R.H.	77	288	HOUR	0
		60°C/90% R.H.	77	960	HOUR	0
		ELEC TEST	77	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS1230Y-200 APR '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1230Y	M	9752	098588	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21887	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P21888	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P21889	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P22020	TEMP CYCLE	0 TO 70°C	100	300	CYCL	0
		0 TO 70°C	100	1000	CYCL	0
		TOTAL:				0
P22021	MOISTURE SOAK	60°C/90% R.H.	100	288	HOUR	0
		60°C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

**DS1230Y-100 JUL '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1230Y	C	9827	101050	34LD LOW PROFILE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22217	PHYSICAL DIMENSIONS	MIL-STD-883-2016	5	1	WEEK	0
		TOTAL:				0
P22218	HIGH TEMP STORAGE	70°C	77	336	HOUR	0
		70°C	77	1000	HOUR	0
		TOTAL:				0
P22220	MOISTURE SOAK	ELEC TEST	77	0	HOUR	0
		60°C/90% R.H.	77	288	HOUR	0
		60°C/90% R.H.	77	960	HOUR	0
		ELEC TEST	77	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

**DS12887 APR '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS12887	A2	9813	102052	24 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21890	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P21891	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P21892	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P21940	TEMP CYCLE	0 TO 70°C	99	300	CYCL	0
		0 TO 70°C	99	1000	CYCL	0
		TOTAL:				0
P21941	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	100	959	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

**DS12887 JUL '98 MONITOR - DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS12887	A2	9826	101980	24 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22223	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P22224	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P22225	I/L, 85°C STORAGE	85°C, NO BIAS	200	48	HOUR	0
		TOTAL:				0
P22253	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	100	959	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS1643-15 FEB.'98 MONITOR- DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1643	B2	9805	100384	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21444	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P21445	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	5
		TOTAL:				5
P21446	HIGH TEMP STORAGE	70°C	77	336	HOUR	0
		70°C	77	1000	HOUR	0
		TOTAL:				0
P21447	TEMP CYCLE	0 TO 70°C	77	300	CYCL	0
		0 TO 70°C	77	1000	CYCL	0
		TOTAL:				0
P21448	MOISTURE SOAK	ELEC TEST	77	0	HOUR	0
		ELEC TEST	77	0	HOUR	0
		60°C/90% R.H.	77	288	HOUR	0
		60°C/90% R.H.	77	960	HOUR	0
		ELEC TEST	77	960	HOUR	0
		TOTAL:				0

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
P21445	DIMENSION C	FAILED MINIMUM DIMENSION PER DS SPECIFICATION	MATERIAL USED AS IS

## RELIABILITY MONITOR

### DS1643-150 MAY '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1643	B2	9818	102676	28 PIN MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22055	SOLDERABILITY	MIL-STD-883-2003	3	1	WEEK	0
		TOTAL:				0
P22056	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6	1	WEEK	0
		TOTAL:				0
P22057	HIGH TEMP STORAGE	70°C	77	336	HOUR	0
		70°C	77	1000	HOUR	0
		TOTAL:				0
P22058	TEMP CYCLE	0 TO 70°C	77	300	CYCL	0
		0 TO 70°C	77	1000	CYCL	0
		TOTAL:				0
P22059	MOISTURE SOAK	ELEC TEST	77	0	HOUR	0
		60°C/90% R.H.	77	288	HOUR	0
		60°C/90% R.H.	77	960	HOUR	0
		ELEC TEST	77	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

**DS1991 MAR '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1991	B5	9737	724461AA	F50 TOUCH MEMO	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21738	HIGH TEMP STORAGE	70°C	30	336	HOUR	0
		70°C	30	1000	HOUR	0
		TOTAL:				
P21739	TEMP CYCLE	0 TO 70°C	30	300	CYCL	0
		0 TO 70°C	30	1000	CYCL	0
		TOTAL:				
P21740	MOISTURE SOAK	60°C/90% R.H.	30	288	HOUR	0
		60°C/90% R.H.	30	960	HOUR	0
		TOTAL:				

## RELIABILITY MONITOR

**DS1991 JUN '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS1991	E6	9740	726625AA-20	F50 TOUCH MEMO	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22457	HIGH TEMP STORAGE	70°C	30	336	HOUR	0
		70°C	30	1000	HOUR	0
		TOTAL:				
P22459	MOISTURE SOAK	60°C/90% R.H.	30	288	HOUR	0
		60°C/90% R.H.	30	960	HOUR	0
		TOTAL:				

## RELIABILITY MONITOR

**DS2181A AUG '98 MONITOR-ANAM,K.**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS2181	A2	9808	DN751456AAC	44 PIN PLCC	ANAM-KOREA (AICL)

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22384	TEMP CYCLE	-55 TO 125°C	241	10	CYCL	
	HIGH TEMP STORAGE	125°C	241	24	HOUR	
	MOISTURE SOAK	30°C/60% R.H.	241	144	HOUR	
	SOLDER HEAT	HTC VAPOR PHASE	241	3	PASS	0
TOTAL:						0

## RELIABILITY MONITOR

### DS2250T JUN '98 MONITOR - DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS2250T	Y	9814	101397	SIP STICK	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22124	HIGH TEMP STORAGE	85°C	11	336	HOUR	0
		85°C	7	1000	HOUR	0
		TOTAL:				
P22125	TEMP CYCLE	-40 TO 85°C	11	100	CYCL	0
		-40 TO 85°C	11	500	CYCL	0
		TOTAL:				
P22126	MOISTURE SOAK	60°C/90% R.H.	11	192	HOUR	0
		60°C/90% R.H.	11	384	HOUR	0
		TOTAL:				

## RELIABILITY MONITOR

**DS2290 MAR '98 MONITOR-DALLAS**

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS2290	na	9738	094923	SIP STICK	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21741	HIGH TEMP STORAGE	85°C	11	336	HOUR	0
		85°C	11	1000	HOUR	0
		TOTAL:				0
P21743	MOISTURE SOAK	60°C/90% R.H.	11	192	HOUR	0
		60°C/90% R.H.	11	384	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS5000T FEB '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS5000T	D6	9742	096808	40 PIN SBDIP	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P21432	SOLDERABILITY	MIL-STD-883-2003	2	1	WEEK	0
		TOTAL:				0
P21433	PHYSICAL DIMENSIONS	MIL-STD-883-2016	3	1	WEEK	0
		TOTAL:				0
P21434	HIGH TEMP STORAGE	70°C	15	336	HOUR	0
		70°C	15	1000	HOUR	0
		TOTAL:				0
P21435	TEMP CYCLE	0 TO 70°C	15	300	CYCL	0
		0 TO 70°C	15	1000	CYCL	0
		TOTAL:				0
P21436	MOISTURE SOAK	60°C/90% R.H.	15	288	HOUR	0
		60°C/90% R.H.	15	960	HOUR	1
		TOTAL:				1

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
P21436	BATTST	BATTERY TESTED AT 3.35 VOLTS. NOMINAL IS 3.30 VOLTS. EVIDENCE OF SLIGHT CHARGING	MOISTURE TESTING CAN RESULT IN SLIGHT CHARGING OF THE BATTERY IF INSUFFICIENT TIME IS ALLOWED BETWEEN STRESS AND TEST.

## RELIABILITY MONITOR

### DS5000T MAY '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS5000T	D6	9803	100149	40PN SB MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22015	SOLDERABILITY	MIL-STD-883-2003	2	1	WEEK	0
		TOTAL:				0
P22016	PHYSICAL DIMENSIONS	MIL-STD-883-2016	3	1	WEEK	0
		TOTAL:				0
P22017	HIGH TEMP STORAGE	70°C	15	336	HOUR	0
		70°C	15	1000	HOUR	0
		TOTAL:				0
P22018	TEMP CYCLE	0 TO 70°C	15	300	CYCL	0
		0 TO 70°C	15	1000	CYCL	0
		TOTAL:				0
P22019	MOISTURE SOAK	60°C/90% R.H.	15	288	HOUR	0
		60°C/90% R.H.	15	960	HOUR	0
		TOTAL:				0

## RELIABILITY MONITOR

### DS5000T AUG '98 MONITOR-DALLAS

DEVICE	REVISION	DATE CODE	LOT NUMBER	PACKAGE	ASSEMBLY SITE
DS5000T	D6	9831	104699	40PN SB MODULE	DALLAS

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
P22385	SOLDERABILITY	MIL-STD-883-2003	2	1	WEEK	0
		TOTAL:				0
P22386	PHYSICAL DIMENSIONS	MIL-STD-883-2016	3	1	WEEK	0
		TOTAL:				0
P22387	HIGH TEMP STORAGE	70°C	15	336	HOUR	0
		70°C	15	1000	HOUR	0
		TOTAL:				0
P22389	MOISTURE SOAK	60°C/90% R.H.	15	288	HOUR	0
		60°C/90% R.H.	15	960	HOUR	0
		TOTAL:				0