

## RELIABILITY MONITOR

**DS1230AB-200 JUL '00 Monitor**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	B1-A	0019	117143	28	Module w/SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25775	SOLDERABILITY	MIL-STD-883-2003	3			2
		TOTAL:				2
25776	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
25777	STORAGE LIFE	85C	200	48	HOUR	0
		TOTAL:				0
25778	TEMP CYCLE	0C TO 70C	100	300	CYCL	1
		0C TO 70C	99	1000	CYCL	0
		TOTAL:				1
25779	MOISTURE SOAK	60C/90% R.H.	100	288	HOUR	0
		60C/90% R.H.	99	960	HOUR	0
		TOTAL:				0

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
25775	SOLDERABILITY	NON WETTING	NONE
25778	VPAT	VERIFIED - NO FA	NONE

**PROJECT NO: 13999**

## RELIABILITY MONITOR

**DS1230YL-100 JUL '00 LPM MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	B1-Y	0020	11387	34	Low Profile Module	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25780	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
25781	STORAGE LIFE	70C	77	336	HOUR	0
		70C	77	1000	HOUR	0
		TOTAL:				0
25782	TEMP CYCLE	0C TO 70C	77	300	CYCL	0
		0C TO 70C	76	1000	CYCL	0
		TOTAL:				0
25783	MOISTURE SOAK	60C/90% R.H.	76	288	HOUR	0
		TOTAL:				0

**PROJECT NO: 16199**

## RELIABILITY MONITOR

**DS1230Y-100 OCT '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	A1-Y	0039	120544	28	Module w/SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26094	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26095	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26096	STORAGE LIFE	85C	200	48	HOUR	0
		TOTAL:				0
26097	TEMP CYCLE	0C TO 70C	100	300	CYCL	0
		TOTAL:				0
26098	MOISTURE SOAK	60C/90% R.H.	100	288	HOUR	0
		60C/90% R.H.	100	960	HOUR	0
		TOTAL:				0

**PROJECT NO: 16485**

## RELIABILITY MONITOR

**DS1230Y-100 JAN '01 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1230	A1-Y	0045	305435	28	Module w/SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26427	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26428	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26429	STORAGE LIFE	85C	200	48	HOUR	0
		TOTAL:				0
26430	TEMP CYCLE	0C TO 70C	100	300	CYCL	0
		TOTAL:				0
26431	MOISTURE SOAK	60C/90% R.H.	100	288	HOUR	0
		TOTAL:				0

**PROJECT NO: 16720**

## RELIABILITY MONITOR

**DS12887 JUL '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0027	300063	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25805	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
25806	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
25807	INFANT LIFE	85C	200	48	HOUR	0
		TOTAL:				0
25808	TEMP CYCLE	0C TO 70C	100	300	CYCL	0
		0C TO 70C	100	1000	CYCL	0
		TOTAL:				0
25809	BIASED MOISTURE	85/85, 5.5 VOLTS	100	274	HOUR	0
		85/85, 5.5 VOLTS	100	959	HOUR	0
		TOTAL:				0

**PROJECT NO: 15276**

## RELIABILITY MONITOR

### DS12887 OCT '00 MONITOR

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS12887	A2-C	0040	300402	24	Module w/Bent Frame	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26069	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26070	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26071	INFANT LIFE	85C	200	48	HOUR	0
		TOTAL:				0
26072	TEMP CYCLE	0C TO 70C	100	300	CYCL	0
		0C TO 70C	100	1000	CYCL	0
		TOTAL:				0
26073	BIASED MOISTURE	85/85, 5.5 VOLTS	82	274	HOUR	0
		85/85, 5.5 VOLTS	82	959	HOUR	0
		TOTAL:				0

PROJECT NO: 16484

## RELIABILITY MONITOR

**DS1643-100 AUG '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1643	C1	0033	121538	28	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25917	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
25918	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
25919	STORAGE LIFE	70C	77	336	HOUR	0
		70C	77	1000	HOUR	0
		TOTAL:				0
25920	TEMP CYCLE	0C TO 70C	77	300	CYCL	0
		0C TO 70C	77	1000	CYCL	1
		TOTAL:				1
25921	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		TOTAL:				0

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
25920	OUT LEAKAGE HI GANG'	VERIFIED - NO FA	NONE

**PROJECT NO: 16358**

## RELIABILITY MONITOR

### DS1643-100 NOV '00 MONITOR

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1643	C1	0042	122271	28	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26178	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26179	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26180	STORAGE LIFE	70C	77	336	HOUR	0
		70C	77	1000	HOUR	0
		TOTAL:				0
26181	TEMP CYCLE	0C TO 70C	77	300	CYCL	0
		TOTAL:				0
26182	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		TOTAL:				0

PROJECT NO: 16523

## RELIABILITY MONITOR

**DS1643-100 FEB '01 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1643	C1	0104	301297	28	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26563	SOLDERABILITY	MIL-STD-883-2003	3			0
		TOTAL:				0
26564	PHYSICAL DIMENSIONS	MIL-STD-883-2016	6			0
		TOTAL:				0
26565	STORAGE LIFE	70C	77	336	HOUR	0
		TOTAL:				0

**PROJECT NO: 17042**

## RELIABILITY MONITOR

<b>DS1644 &amp; DS9034PCX NOV '00 POWER CAP MONITOR</b>							
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DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1644	B2	0041	122179	34	Power Cap	980	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26191	STORAGE LIFE	125C	231	24	HOUR	
	MOISTURE SOAK	30C/60% R.H.	231	144	HOUR	
	CONVECTION REFLOW	220C	231	2	PASS	0
	TOTAL:					0
26193	STORAGE LIFE	70C	74	336	HOUR	0
	TOTAL:					0
26194	TEMP CYCLE	-40 TO 85C	77	300	CYCL	0
	TOTAL:					0
26195	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	4
	TOTAL:					4

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
26195	READ (3); STOPPED CL	IN PROCESS	NA

**PROJECT NO: 16524**

## RELIABILITY MONITOR

**DS1644 & DS9034PCX FEB '01 POWER CAP MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1644	B2	0051	300700	34	Low Profile Module	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26625	STORAGE LIFE	125C	225	24	HOUR	
	MOISTURE SOAK	30C/60% R.H.	225	144	HOUR	
	CONVECTION REFLOW	220C	225	2	PASS	0
	TOTAL:					0

**PROJECT NO: 17361**

## RELIABILITY MONITOR

**DS1646-120 JUL '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1646	B2	0026	119855	32	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25774	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	20
		60C/90% R.H.	57	576	HOUR	7
		60C/90% R.H.	50	960	HOUR	8
		TOTAL:				

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
25774	INPUT LEAKAGE LOW	IN PROCESS	NA

**PROJECT NO: 15892**

## RELIABILITY MONITOR

**DS1646-120 OCT '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1646	B2	0039	122182	32	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26132	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	2
TOTAL:						2

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
26132	READ (2)	IN PROCESS	

**PROJECT NO: 16496**

## RELIABILITY MONITOR

**DS1646-120 JAN '01 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1646	B2	0050	300710	32	Module w/Hi Density SMT	720	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26454	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	1
TOTAL:						1
JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION			
26454	STOPPED CLOCK	IN PROCESS	NA			

**PROJECT NO: 16725**

## RELIABILITY MONITOR

**DS1991 SEP '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1991	F1	0036	DS922809AA-2	2	Puk Can F50 Rev B	0	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25937	STORAGE LIFE	70C	77	336	HOUR	0
		70C	77	1000	HOUR	1
		TOTAL:				
25938	TEMP CYCLE	0C TO 70C	77	300	CYCL	0
		0C TO 70C	77	1000	CYCL	0
		TOTAL:				
25939	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		60C/90% R.H.	77	960	HOUR	0
		TOTAL:				

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
25937	DQ RESISTANCE	GATE OXIDE	SEVERAL EVALUATIONS ARE IN PROCESS TO IMPROVE GATE OXIDE PERFORMANCE

**PROJECT NO: 16369**

## RELIABILITY MONITOR

**DS1992 DEC '00 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS1992	E5	0046	DS028764AA	2	Tch Can F50	0	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26343	STORAGE LIFE	70C	77	336	HOUR	0
		70C	77	1000	HOUR	0
		TOTAL:				
26345	MOISTURE SOAK	60C/90% R.H.	77	288	HOUR	0
		TOTAL:				

**PROJECT NO: 16636**

## RELIABILITY MONITOR

DS21352 MAR '01 MONITOR, D.P.

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS21352	A4	0103	DN033071AAA	100	LQFP	14x14x	ATK (Anam, K)

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26767	STORAGE LIFE	125C	238	24	HOUR	
	MOISTURE SOAK	30C/60% R.H.	238	240	HOUR	
	CONVECTION REFLOW	235C	238	3	PASS	
		TOTAL:				

PROJECT NO: 17764

## RELIABILITY MONITOR

**DS2154 MAR '01 MONITOR, D.P.**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2154	A2	0106	DN040708AA-1	100	LQFP	14x14x	ATK (Anam, K)

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26760	STORAGE LIFE	125C	238	24	HOUR	
	MOISTURE SOAK	30C/60% R.H.	238	240	HOUR	
		TOTAL:				

**PROJECT NO: 17763**

## RELIABILITY MONITOR

**DS21S07 FEB '01 MONITOR**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS21S07	C1-A	0047	DM035532AFD	20	TSSOP	4.4x0.9	Carsem S

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
26584	ULTRASOUND	J-STD-020	4			0
		TOTAL:				0
26585	STORAGE LIFE	125C	238	24	HOUR	
	MOISTURE SOAK	85C/85% R.H.	238	168	HOUR	
	CONVECTION REFLOW	235C	238	3	PASS	
		TOTAL:				

**PROJECT NO: 17101**

## RELIABILITY MONITOR

### DS2250T JUN '00 MONITOR - DALLAS

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2250	E-T	0026	117825	80	SipStick w/Conformal Co	0	Dallas

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25680	STORAGE LIFE	85C	11	336	HOUR	0
		85C	11	1000	HOUR	0
		TOTAL:				
25681	TEMP CYCLE	-40 TO 85C	11	100	CYCL	0
		-40 TO 85C	11	500	CYCL	0
		TOTAL:				
25682	MOISTURE SOAK	60C/90% R.H.	11	192	HOUR	0
		60C/90% R.H.	11	384	HOUR	0
		TOTAL:				

PROJECT NO: 13981

## RELIABILITY MONITOR

**DS2250T SEP '00 MONITOR - DALLAS**

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2250	E-T	0035	117888	80	SipStick w/Conformal Co	0	Fastech

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25962	STORAGE LIFE	85C	11	336	HOUR	0
		85C	11	1000	HOUR	0
		TOTAL:				0
25963	TEMP CYCLE	-40 TO 85C	11	100	CYCL	0
		-40 TO 85C	11	500	CYCL	0
		TOTAL:				0
25964	MOISTURE SOAK	60C/90% R.H.	11	192	HOUR	0
		60C/90% R.H.	11	384	HOUR	0
		TOTAL:				0

**PROJECT NO: 16372**

## RELIABILITY MONITOR

### DS2502 JUL '00 MONITOR

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS2502	C3	0017	DH948636AGC	6	TSOC	150x1.2	CPS (ChipPac, China)

JOB_NO	DESCRIPTION	CONDITION	QUANTITY	READPOINT	UNITS	NO OF FAILS
25810	ULTRASOUND	J-STD-020	4			0
		TOTAL:				0
25811	STORAGE LIFE	125C	151	24	HOUR	
	MOISTURE SOAK	85C/85% R.H.	151	168	HOUR	
	CONVECTION REFLOW	235C	151	3	PASS	0
		TOTAL:				0
25813	TEMP CYCLE	-55C TO 125C	72	300	CYCL	0
		-55C TO 125C	72	1000	CYCL	0
		TOTAL:				0
25814	AUTOCLAVE	121C, 2 ATM STEAM, UNBIASED	70	96	HOUR	0
		TOTAL:				0

PROJECT NO: 16201

## RELIABILITY MONITOR

### DS3816 & DS3801 NOV '00 MONITOR

DEVICE	REVISIO	DATE CD	LOT NUMBER	PINS	PACKAGE	WIDTH	ASSEMBLY SITE
DS3816	A-C501	0041	120701	170	BGA Module	1725	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	85C	33	336	HOUR	0
	TOTAL:					0
26054	TEMP CYCLE	0C TO 70C	33	300	CYCL	5
	TOTAL:					5
26055	MOISTURE SOAK	60C/90% R.H.	33	288	HOUR	2
	TOTAL:					2

JOB NO	FAILURE MODE	FAILURE MECHANISM	CORRECTIVE ACTION
26054	READ DATA (5)	IN FA #20010047	
26055	READ DATA (2)	IN FA #20010047	

PROJECT NO: 16462