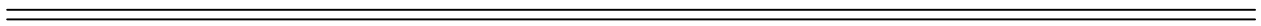


RADTESTSM DATA SERVICE

SUMMARY

**Radiation
Information on
Analog Devices, Inc.
Aerospace Products**





RADTESTSM DATA SERVICE SUMMARY

The RADTESTSM DATA SERVICE is a compilation of radiation test results on Analog Devices' products.

- This service is provided exclusively for Analog Devices' Aerospace Product Line Customers.
- It is not to be reproduced or transmitted without Analog Devices permission.
- It is designed to assist Aerospace Product Line customers in selecting the right product for applications where radiation is a consideration.
- It is NOT designed to provide generic data for product qualification. It is the responsibility of the Procuring Activity to ensure compliance to their radiation specifications.

While many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to radiation environments, Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test.

WARNING:

- DO NOT use, screen, or upgrade Analog Devices products outside specified parameters, temperature ranges or intended environmental conditions, i.e. humidity, for the specific part.
- Analog Devices does not recognize, assist, or support any consultant.
- Analog Devices does not recognize, assist, or support any database provider except DSCC.
- All data NOT provided by Analog Devices and our recognized representatives and distributors or DSCC is hence forth VOID and INVALID.

Analog Devices, Inc. is not responsible and has no liability for any consequences, all applicable Warranties are null and void, if any Analog product is modified or used in any way outside of normal environmental and operating conditions, including the parameters specified in the corresponding data sheet.

Analog Devices, Inc. does not guarantee that product from any particular lot is fabricated, assembled, or tested at the same facility as product from another lot. Product manufactured for different process levels (commercial, industrial, Class B, or Class S) is not guaranteed to be the same die revision.

For Aerospace applications call 408/562-7156.

Aerospace Product Line brochures can be found on our web site:

<http://www.analog.com/industry/mil/space.html>

PART NUMBER	DESCRIPTION	PROCESS	TOTAL DOSE (K RADS (Si))	NEUTRON (Neutrons/CM2)	DOSE RATE (RADS (Si)/Sec)
<u>Analog to Digital Converter</u>					
AD571	10-Bit Complete ADC	Bipolar II	100	2.00E+12	1.00E+10
AD574	12-Bit-ADC w/Microprocessor Interface	Bipolar II	100	5.00E+12	1.00E+09
AD670	8-Bit Low Cost Signal Conditioning ADC	Bipolar II	100		
AD1671	12-Bit 1.25 MSPS ADC	ABCMOS	75		
AD1672	12-Bit 3 MSPS ADC	ABCMOS	75 ³		
AD9042 ¹	12-Bit 41 MSPS ADC	XFCB	1000		
AD9058	8-Bit Dual 50 MSPS ADC	BIT	100		
<u>Comparators</u>					
AD8561	7nS Single Comparator	XFCB	100+		
PM111	Precision Voltage Comparator	Bipolar	100		1.00E+10
PM139 ¹	Quad Low-Power Voltage Comparator	Bipolar	100		1.00E+10
<u>Digital to Analog Converters</u>					
AD561	10-Bit, Current Output	Bipolar I	100 ³		5.00E+09
AD565	12-Bit, Current Output, Complete High Speed DAC	Bipolar II	150	1.70E+13	2.80E+09
AD667	12-Bit Microprocessor Compatible DAC	Bipolar III	100	2.00E+12	8.00E+09
AD9731	10-Bit 125MSPS DAC	Bipolar	100 ³		
DAC08 ¹	8-Bit High Speed Multiplying DAC	Bipolar	100		
DAC100	10-Bit Current Output DAC	Bipolar	100 ³		
<u>Instrumentation Amplifiers</u>					
AD524 ¹	Instrumentation Amplifier	Bipolar I	100	2.00E+12	3.00E+09
AMP01	Low-Noise Precision Instrumentation Amplifier	Bipolar	100		
AMP02	High Accuracy Instrumentation Amplifier	Bipolar	100		
<u>Multipliers</u>					
AD534	Internally Trimmed Precision IC Multiplier	Bipolar I	100	3.00E+12	5.00E+09
<u>Operational Amplifiers</u>					
AD648 ¹	Dual Precision, Low Power BiFET Op Amp	Bipolar III	200		
AD844 ¹	60 MHz, 2000V/uS Op Amp	CB	100		
AD847	High Speed, Low Power Op Amp	CB	10-20		
AD8001	800 MHz, 50mW Current Feedback Amplifier	XFCB	1000		
OP07 ¹	Ultra Low Offset Voltage Op Amp	Bipolar	100		1.00E+10
OP11	Quad Matched 741-Type Op Amp	Bipolar	100		
OP12	Precision Low Input Current Op Amp	Bipolar	100		
OP15 ¹	Precision JFET-Input Op Amp	Bipolar	100		1.00E+10
OP16 ¹	Precision JFET-Input Op Amp	Bipolar	100		1.00E+10
OP22	Programmable μ Power Op Amp	Bipolar	50		
OP27 ¹	Low Noise Precision Op Amp	Bipolar	100		1.00E+10
OP37	Low Noise Precision High Speed Op Amp	Bipolar	100		1.00E+10
OP42	High Speed, Fast Settling Precision JFET-Input	Bipolar	100		
OP43	Low Ib, Fast JFET-Input Op Amp	Bipolar	100		
OP77	Next Generation OP07	Bipolar	100		1.00E+10
OP200	Dual Low-Offset, Low Power Op Amp	Bipolar	100		
OP207 ¹	Dual Ultra-Low VOS Matched Op Amp	Bipolar	100		1.00E+10
OP215 ¹	Dual Precision JFET Input Op Amp	Bipolar	100		1.00E+10
OP227 ¹	Dual Low Noise Low Offset Inst. Op Amp	Bipolar	100		
OP270 ¹	Dual Very Low Noise Precision Op Amp	Bipolar	100		
OP400	Quad Low-Offset, Low-Power Op Amp	Bipolar	100		
OP467 ¹	Quad High-Speed Precision Op Amp	Bipolar	100		
OP470 ¹	Very Low-Noise Quad Op Amp	Bipolar	100		
OP471 ¹	High Speed Low Noise Quad Op Amp	Bipolar	100		
OP484	Precision, Rail to Rail IP/OP Op Amp	Bipolar	100		

PART NUMBER	DESCRIPTION	PROCESS	TOTAL DOSE (K RADS (Si))	NEUTRON (Neutrons/CM2)	DOSE RATE (RADS (Si)/Sec)
<u>Operational Amplifiers (cont)</u>					
PM108 ¹	Low Input Current Op Amp	Bipolar	100		5.00E+12
PM155 ¹	Monolithic JFET Input Op Amp	Bipolar	100		
PM156 ¹	Monolithic JFET Input Op Amp	Bipolar	100		
PM741	General Purpose Op Amp	Bipolar	100		
<u>Voltage References</u>					
AD584 ¹	Pin Programmable Precision Voltage Reference	Bipolar I	100	5.00E+12	1.00E+10
AD589	Precision 1.2 Volt IC Reference	Bipolar I	100 ³		8.00E+09
REF01 ¹	+10V Precision Voltage Reference	Bipolar	100		1.00E+10
REF02 ¹	+5V Precision Voltage Ref./Temp. Transducer	Bipolar	100		1.00E+10
REF05 ¹	+5V Precision Voltage Reference	Bipolar	100		1.00E+10
REF10 ¹	+10V Precision Voltage Reference	Bipolar	100		1.00E+10
REF43 ¹	+2.5V Low-Power Precision Voltage Reference	Bipolar	100		
<u>Switches and Multiplexers</u>					
ADG201HS	LCMOS Hi-speed QUAD SPST Switches	HVS CMOS	10		
MUX08	8-Channel/Dual 4-Channel JFET Analog Mux	Bipolar	100		
MUX16	16-Channel/Dual 8-Channel JFET Analog Mux	Bipolar	100		
SW201	Quad SPST JFET Analog Switch	Bipolar	100		
<u>Sample-and-Hold Amplifiers</u>					
AD585	High Speed, Precision Sample-and-Hold Amp	Bipolar III	100	2.00E+12	1.00E+10
SMP11	Low Droop Rate/Accurate Sample/Hold Amp	Bipolar	100		
<u>Other Functions</u>					
AD2S80A	Variable Resolution Resolver-to-Digital Converter	BiMOS II	15	>1.0E+10	
AD590 ¹	2 Terminal Temperature Transducer, 1uA/°K	Bipolar I	100	2.80E+12	8.00E+09
MAT02	Low Noise, Matched Dual NPN Transistor	Bipolar	100		
MAT03	Low Noise, Matched Dual PNP Transistor	Bipolar	100		

NOTES:

- ¹ Available with radiation guarantee.
- ² This summary data is based on proprietary test reports on file in the Analog Devices, Inc. RADTESTSM DATA SERVICE files.
- ³ Tolerance obtained by analysis.

Total Dose Tolerance listed is typical usage. To determine suitability for your application the data must be reviewed. To guarantee suitability, the lot must be tested.

Product has survived **Neutron** irradiation to the level listed. No guarantee of performance is intended or implied.

Product has been tested to **Dose Rate** listed without latchup, and met upset recovery requirements.

RADTESTSM DATA SERVICE

TEST REPORT LIST

**Radiation
Information on
Analog Devices, Inc.
Aerospace Products**



RADTESTSM DATA SERVICE TEST REPORT LIST

The RADTESTSM DATA SERVICE...

...Is a summary of radiation performance on Analog Devices' products as reported for specific applications. Different applications may not report the same results. ***Product will vary from lot to lot and wafer to wafer and must be tested to guarantee radiation performance.***

...Is designed to assist Analog Devices' customers in selecting the right product for applications where radiation is a consideration.

...Is NOT designed to provide generic data for product qualification. It is the responsibility of the Procuring Activity to ensure compliance to their radiation specifications.

Please be advised that while many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to radiation environments, Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test. It is the responsibility of the Procuring Activity to ensure compliance to Nuclear Hardness Critical Items (HCI) specifications.

WARNING:

- RADTESTSM DATA SERVICE is not to be reproduced or transmitted without Analog Devices permission.
- Analog Devices, Inc. is not responsible and has no liability for any consequences, all applicable Warranties are null and void, if any Analog product is modified or used in any way outside of normal environmental and operating conditions, including the parameters specified in the corresponding data sheet.
- Analog Devices, Inc. does not guarantee radiation performance without lot qualification test in accordance with applicable test method. (883 method 1019 or ESA SCC2900, for example)
- Product for different process levels (commercial, class B, etc) may not be manufactured in the same facilities.
- Product for different process levels is not guaranteed to be the same die revision.

For Aerospace applications call 408/562-7156.

Aerospace Product Line brochures can be found on our web site:

<http://www.analog.com/industry/mil/space.html>

The following pages list test reports available from the Aerospace Product Line in Santa Clara, Ca. The list includes the test points where data was recorded. This is not a table of radiation tolerance of the product listed.



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
AD2S80A B2S80	DC9036	H	Gamma RAD(Si)	Feb-91	0-3K-6K-9K-12K-15K
	DC9240	H	Gamma RAD(Si)	Jan-93	0, 3K, 6K, 10K, 19K
		H	SEU	Feb-93	
AD524	1A125461.XLS	D, H	Gamma RAD(Si)	Dec-99	0, 30K, 50K, 100K, 24Hr, 168Hr
	1S240781.XLS	D, H	Gamma RAD(Si)	Oct-00	0, 30K, 50K, 100K, 24Hr
AD534 E534	1AD534G.XLS	D, H	Gamma RAD(Si)	Apr-91	50K-100K-200K-300K-400K-500K-48Hr-168Hr
	Q0100010	D, H	Gamma RAD(Si)	Sep-94	0, 10K, 20K, 30K, 40K, 50K, 48Hr.
AD565	DC8728	H	Gamma RAD(Si)	Sep-89	0-20k-50k-100k-200k-72Hr Anneal
	DC9119G	D, H	Gamma RAD(Si)	Jan-92	0-50,100,200,300,400,500K-24&160Hr
	1A107831.XLS	D, H	Gamma RAD(Si)	Apr-96	0,40K,100K,200K
AD571 D571	DC9121	D, H	Gamma RAD(Si)	Jun-91	0-50k-100k-200k-24Hr-48Hr-168Hr
	A1001902	D, H	Gamma RAD(Si)	Sep-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	1A109061.XLS	D, H	Gamma RAD(Si)	Jul-96	0,40K,100K,200K,24Hr.,96Hr.
	DC9603	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr, 120Hr
	1A120672.XLS	D, H	Gamma RAD(Si)	Mar-98	0, 30K, 50K, 100K, 24Hr
AD574 BM574	LOG1086.TD	H	Gamma RAD(Si)	Jun-85	0-30k-75k-150k-300k
	LOG1126.TD	H	Gamma RAD(Si)	Jun-85	0-30k-75k-150k
	0DC8920G	D, H	Gamma RAD(Si)	Dec-89	0-50K-100K-200K-500K-5.5 Hr-1Meg
	H1000301.WK1	D, H	Neutron/Gamma	Mar-94	0, 6e11, 30K, 60K, 100K, 200K, 300K, 24Hr, 120Hr
	DC8932	H	SEU	May-94	
	H010104x.WK1	D, H	Gamma RAD(Si)	Jun-92	0-50K
	DC9226	D, H	Gamma RAD(Si)	Jun-92	0-100K-72Hr-240Hr
	A1010301.XLS	D, H	Gamma RAD(Si)	Mar-96	0,20K,50K,100K
	1A108581.XLS	D, H	Gamma RAD(Si)	Apr-96	0,200K,72Hr.,240Hr.
	1A10940.XLS	D, H	Gamma RAD(Si)	Jul-96	0,20K,40K,60K,100K,150K,200K,24Hr., 168Hr.@+100°C
	1A109581.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 20K, 40K, 60K, 48Hr
	1A114381.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 35K, 100K, 48Hr
	1A114391.XLS	D, H,	Gamma RAD(Si)	4/97	0, 35, 100, 48Hr
	1A115621.XLS	D, H,	Gamma RAD(Si)	May 97	0, 30K, 50K, 100K, 24Hr
	AD574LDR.pdf	D, H,	Gamma RAD(Si)	1995	Low Dose Rate up to 1Meg
1A116375.XLS	D, H,	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr	
1A127471.XLS	D, H,	Gamma RAD(Si)	May-99	0, 30K, 50K, 100K, 24Hr	
AD584	Various	H	Various		G=300K, N=1.7E11, DR=1E10
	Q917980x	D, H	Gamma RAD(Si)	Jun-93	0, 10K, 100K, 24Hr, 72 Hr
	1A102332	D, H	Gamma RAD(Si)	Oct-95	0, 10K, 20K, 30K, 40K, 50K, 48Hr
	1A108463.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 20K, 40K, 60K, 48Hr
	1A124201.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr
	1S165251.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr
AD-585	Hardcopy	H	Gamma (RAD(Si)	Oct-92	5k, 10k, 20k, 30k, 50k, 75k, 100k
	Hardcopy	H	Dose Rate	unk	
	A1012502.XLS	D, H	Gamma RAD(Si)	May-96	0,60K,100K,200K,72Hr.
	1A110251.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 20K, 40K, 60K, 100K, 150K, 200K, 24Hr, 168Hr@100°C
AD 589	Hardcopy	H	TID & Latch	1989	TD=50K, Dose Rate = 7.6E9



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
AD-590 C590	DC9123	D, H	Gamma RAD(Si)	June-91	0, 50K, 100K, 200K, 300K, 400K, 500K, 1Meg
	A91601xx.XLS	D, H	Gamma RAD(Si)	Oct-93	0, 10K, 100K
	A1001814.XLS	D, H	Gamma RAD(Si)	Dec-94	0, 25K, 50K, 75K, 100K, 24Hr
	DC8637.XLS	D, H	Gamma RAD(Si)	Jan-95	0, 25K, 50K, 75K, 100K, 24Hr
	DC8632.XLS	D, H	Gamma RAD(Si)	Jan-95	0, 25K, 50K, 75K, 100K, 24Hr
	Q1001804.XLS	D, H	Gamma RAD(Si)	Oct-95	0, 10K, 100K, 72Hr
	6F100164.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 80k
	6F100181.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 80K
	1A1109301.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 50K, 100K, 24Hr, 96Hr
	1A110045.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 40K
AD648 B648	Hardcopy	H	Gamma RAD(Si)	Dec-91	12.5k, 25k, 50k, 100k, 200k
	1A108091.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 40K, 100K, 200K, 24Hr.
	1A109551.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 40K, 100K, 200K, 24Hr
	1A111701.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr
	1A122262.XLS	D, H	Gamma RAD(Si)	Mar-98	0, 30K, 50K, 100K, 24Hr
	1A126141.XLS	D, H	Gamma RAD(Si)	Dec-98	0, 30K, 50K, 100K, 24Hr, 144Hr
AD667	Hardcopy	H	Gamma RAD(Si)	1985	30k, 60k, 90k, 120k, 150k, 180k, 210, 240k, 270k, 300k
AD670 D670	1A107851.XLS	D, H	Gamma RAD(Si)	Jun-96	0,40K,100K,200K,24Hr.,120Hr.
	I546.doc	D, H	Gamma RAD(Si)	Sep-96	0, 25K, 50K, 100K
	1A125211.XLS	D, H	Gamma RAD(Si)	July-98	0, 30K, 50K, 100K, 24Hr, 72Hr, 216Hr
	1A125271.XLS	D, H	Gamma RAD(Si)	Aug-98	0, 30K, 50K, 100K, 24Hr
AD844	1A109661.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 50K, 100K, 24Hr
	1A126122.XLS	D, H	Gamma RAD(Si)	Dec-98	0, 40K, 25Hr
AD 847	Hardcopy	H	Gamma RAD(Si)	Mar-91	0, 5K, 10K, 20K, 30K, 50K, 100K, 168Hr
	1S112761.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 10K, 20K, 50K, 100K, 72Hr
	1A109841.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 50K, 100K, 24Hr
AD1671	Hardcopy	H	Gamma RAD(Si)	Sep-92	0-1.25K-2.5K-5K-10K-20K-40K-80K-160K-240K-320K
	Hardcopy	H	SEU	Mar-93	LATCH LET>90MeV/mg/cm2 - Upset not measured
	AD1671SE.DOC	D, H	SEU	May 93	LET ranged from 11.4 to 90
	q1010210	D, H	Gamma RAD(Si)	May-95	0, 75k
	DC9239	H	SEU	Sep-94	LATCH LET > 115 MeV/mg/cm2
	1A10591.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 50K, 75K, 100K
	1A106081.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 50K, 75K, 100K
	F3619691.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 50K, 75K, 100K
AD1672	AD1672.XLS	D, H	Gamma RAD(Si)	Oct-95	16 test points up to 262Krad.
AD8001	Hardcopy	H	Characterization		Total Dose £ 1Meg and SEU
	1A117631.XLS	D, H	Gamma RAD(Si)	Jul-97	0, 30K, 50K, 100K, 24Hr
AD9042	Hardcopy	H	Gamma RAD(Si)	Sep-95	0, 10K, 30K, 100K, 300K, 1M, 2M
	1A118411.XLS	DH	Gamma RAD(Si)	Aug. 97	0, 30K, 50K, 100K, 24Hr, 150K, 300K, 600K, 1000K, 48Hr
	Hardcopy	H	Proton	Sep. 97	1.25x10 ⁹ p/cm ² /s
AD9058	unknown	H	TID & SEE	?	Proton TID & Heavy Ion
	1A110951.XLS	DH	Gamma RAD(Si)	Jan-97	0, 20K, 50K, 100K, 24Hr



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
AMP01 1411W-6A1	1A11095A	DH	Gamma RAD(Si)	July 97	0, 30K, 50K, 100K, 24 Hr
	1A11095B	DH	Gamma RAD(Si)	July 97	0, 30K, 50K, 100K, 24 Hr
	1A119102.XLS	DH	Gamma RAD(Si)	Oct. 97	0, 30K, 50K, 100K, 24 Hr
	Dc9633a.xls	DH	Gamma RAD(Si)	Jun-98	0, 30K, 50K, 100K, 24 Hr
	1A127622.XLS	DH	Gamma RAD(Si)	Oct-99	0, 30K, 50K, 100K, 24Hr
	DC8913	D, H	Gamma RAD(Si)	Jan-90	0-20k-50k-100k-200k
	H8466201	D, H	Gamma RAD(Si)	Jun-92	0-50K-72Hr-240Hr
	H84668xx	D, H	Gamma RAD(Si)	Jun-92	0-50K-72Hr-240Hr
	Q1565114	D, H	Gamma RAD(Si)	Oct-95	0, 50K, 72Hr, 240Hr
	Q1565108	D, H	Gamma RAD(Si)	Oct-95	0, 50K, 72Hr, 240Hr
	1A107752.XLS	D, H	Gamma RAD(Si)	Feb-96	0, 20K, 50K, 100K
	1A107732.XLS	D, H	Gamma RAD(Si)	May-96	0,40K,100K,200K,24Hr.
	1A109883.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 100K, 72Hr, 240Hr
	1A109201.XLS	D, H	Gamma RAD(Si)	Aug-96	0,20K,40K,60K,100K,150K,200K,24Hr.,168Hr.@100c
	1A109161.XLS	D, H	Gamma RAD(Si)	Jul-96	0,20K,40K,60K,48Hr.
	1A111641.XLS	D, H	Gamma RAD(Si)	Jan-97	0, 10K, 20K, 30K, 50K, 75K, 100K, 24Hr, 168Hr@100° C
	1A113861.XLS	D,H	Gamma RAD(Si)	Mar-97	0, 10K, 20K, 30K, 48 Hr
1A114082.XLS	D,H	Gamma RAD(Si)	Mar-97	0, 20K, 35K, 48Hr	
1A115431.XLS	D,H	Gamma RAD(Si)	Apr-97	0, 75K, 72Hr, 240Hr	
1A120101.XLS	D,H	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr	
1A120872.XLS	D,H	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr	
AMP-02 1416Y-6B	d/c 9026	D, H	Gamma RAD(Si)	Jan-91	0-75K-150K-300K-600K-1M
DAC-08 1108W-6A	H20872xx	D, H	Gamma RAD(Si)	May-85	0-500k-1Meg-3Meg
	H20872xx	D, H	Neutron n/cm2	Oct-85	0-2E12-6E12-1E13
	H21391xx	D, H	Gamma RAD(Si)	May-85	0-500k-1Meg-3Meg
	H21391xx	D, H	Neutron n/cm2	Apr-85	0-6E12-1E13-3E13
	DC8925	D, H	Gamma RAD(Si)	Aug-91	0-50k-100k-500k-1Meg-24Hr-240Hr
	DC9140	D, H	Gamma RAD(Si)	Nov-91	0-100K-24Hr
	DC9220	D, H	Gamma RAD(Si)	Jul-92	0-100K
	Q17368xx	D, H	Gamma RAD(Si)	Dec-93	0, 300k, 600k, 1200k
	Q1256526	D, H	Gamma RAD(Si)	Dec-94	0, 100K, 72Hr, 240Hr
	DC9452	D, H	Gamma RAD(Si)	Apr-95	0, 100K
	Q1256512	D, H	Gamma RAD(Si)	Feb-95	0, 100K, 24Hr, 240Hr
	1A106191.XLS	D, H	Gamma RAD(Si)	Apr-96	0,40K,100K,200K,24Hr.,72Hr.
	1A105162.XLS	D, H	Gamma RAD(Si)	Apr-96	0,40K,100K,200K
	1A1080801.XLS	D, H	Gamma RAD(Si)	Apr-96	0, 200K, 72Hr, 240Hr
	1A106192.XLS	D, H	Gamma RAD(Si)	Apr-96	0,20K,40K,60K,100K,150K,200K,24Hr.,168Hr.@+100c
	1A108521.XLS	D, H	Gamma RAD(Si)	Jun-96	0,400K,72Hr.,240Hr.
	1A104573.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 20K, 40K, 60K, 100K, 150K, 200K, 24Hr, 168Hr@100° C
	1A110121.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 40K, 100K, 200K, 24Hr
	1B104573.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 40K, 60K, 100K, 150K, 200K, 24Hr, 168Hr@100° C
	1A116621.XLS	D, H	Gamma RAD(Si)	Jun 97	0, 50K, 72Hr, 240Hr
1A118553.XLS	D, H	Gamma RAD(Si)	Sept. 97	0, 30K, 50K, 100K, 24 Hr	
1A122162.XLS	D, H	Gamma RAD(Si)	Mar-98	0, 30K, 50K, 100K	
1A124741.XLS	D, H	Gamma RAD(Si)	Jun-98	0, 30K, 50K, 100K, 24Hr	
1S234191.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr	
DAC-100	H26646xx	D, H	Gamma RAD(Si)	Apr-85	0-600k-1Meg-3Meg



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
1106U-6A1/ 1300U-6A	H35680xx	D, H	Gamma RAD(Si)	Oct-85	0-600k-1Meg-3Meg
	H35680xx	D, H	Neutron n/cm2	Mar-86	0-2e12-6e12-1e13
	H37022xx	D, H	Gamma RAD(Si)	Jul-86	0-600k-1Meg-3Meg
	H37022xx	D, H	Neutron n/cm2	Aug-86	0-2e12-6e12-1e13
MAT02 2102Y-6A	Q1435105	D, H	Gamma RAD(Si)	Sep-95	0, 100K, 24Hr, 96Hr, & 69Hr@100°C
MAT03	Hardcopy	H	Neutron + TID	??	?? + 5K, 12.5K, 25K
MUX-16 1902X-6C	d/c 8851	D, H	Gamma RAD(Si)	Nov-90	0-75k-150k-300k-600k-1Meg
OP-07 1407X-6A 1407W-6A 1407U-6A	H27945xx	D, H	Gamma RAD(Si)	Feb-85	0-300k-600k-1Meg
	H27945xx	D, H	Neutron n/cm2	May-85	0-6E12-1E13
	H71490xx	D, H	Neutron/Gamma	Aug-88	0-3.0E12-250krad
	H71493xx	D, H	Neutron/Gamma	Aug-88	0-3.0E12-250krad
	H71496xx	D, H	Neutron/Gamma	Aug-88	0-3.0E12-250krad
	H80962xx	D, H	Neutron/Gamma	Oct-90	0-6.0E11-250krad
	H90154xx	D, H	Neutron/Gamma	Jan-92	0-6E11-60K-100K-300K
	H90155xx	D, H	Neutron/Gamma	Jan-92	0-6E11-60K-100K-300K
	DC9516	H	0.1 rad/s Gamma	Aug-96	0, 5K, 12K, 17K, 23K, 39K, 51K, 62K, 95K, 24Hr, 166Hr@°C
	OP-08 1402X-6A 1402V-6A	H26316xx	D, H	Gamma RAD(Si)	Jan-85
H26316xx		D, H	Neutron/Gamma	Nov-86	0-4E12-500k
H32746xx		D, H	Gamma RAD(Si)	Jul-85	0-300k-600k-1Meg
H32746xx		D, H	Neutron n/cm2	Oct-86	0-2E12-6E12-1E13
H38746xx		D, H	Gamma RAD(Si)	Mar-86	0-300k-600k-1Meg
H44384xx		D, H	Gamma RAD(Si)	Sep-86	0-300k-600k-1Meg
H44384xx		D, H	Neutron n/cm2	Oct-86	0-2E12-6E12-1E13
H63094xx		H	Neutron/Gamma	Aug-88	0-2.8E12-170krad
H71585xx		H	Neutron/Gamma	Aug-88	0-2.8E12-170krad
DC8825G		D, H	Gamma RAD(Si)	Jan-92	0-5K-10K-20K-30K-50K-100K
H63094xx		D, H	Gamma RAD(Si)	Apr-92	0-20K-50K
OP-11 1404Y-6B	H37939xx	D, H	Gamma RAD(Si)	Mar-86	0-100k-300k-600k
	H37939xx	D, H	Neutron n/cm2	Aug-86	0-2E12-6E12-1E13
	H36440xx	H	Neutron n/cm2	Mar-86	0-2E12-6E12-1E13
	A8573314	D, H	Neutron/Gamma	Feb-92	6E11, 60K, 100K, 300K
	1A111481.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr, 48Hr
OP-12 1402X-6B 1402V-6B	H34141xx	D, H	Gamma RAD(Si)	Oct-85	0-300k-600k-1Meg
	H34141xx	H	Neutron n/cm2	Mar-86	0-2E12-6E12-1E13
	H37016xx	D, H	Gamma RAD(Si)	Oct-85	0-300k-600k-1Meg
	H37016xx	H	Neutron n/cm2	Mar-86	0-2E12-6E12-1E13
	H21673xx	H	Neutron n/cm2	Apr-85	0-6E12-1E13-3E13
	H39297xx	H	Neutron n/cm2	Oct-86	0-2E12-6E12-1E13
	H39297xx	H	Neutron/Gamma	Nov-88	0-3.2E12-170krad
	Q9069918	D, H	Gamma RAD(Si)	Dec-92	0-10K-25K-50K-72Hr-240Hr
	A1485215.XLS	D, H	Gamma RAD(Si)	Nov. 95	0, 100K, 24Hr, 168Hr@100°C
	1A110831.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 75K, 72Hr, 240Hr
	1A112511.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
	1A115691.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 75K, 72Hr, 240Hr
	1A119871.XLS	D, H	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr
OP- 15/PM155	OP15NEU	D, H	Neutron n/cm2	Jan-86	0-2E12-5E12-2E13
1406W-6B	H78374xx	H	Gamma RAD(Si)	May-89	0-100krad
1406U-6B	DC9207	D, H	Gamma RAD(Si)	Apr-92	0-10K-50K-100K
	DC8928	D, H	Gamma RAD(Si)	Jul-92	0-10K-50K-100K
	H78423xx	D, H	Gamma RAD(Si)	Oct-92	0-10K-50K-100K
	1A117943.XLS	D, H	Gamma RAD(Si)	Aug. 97	0, 30K, 50K, 100K, 24Hr
OP- 16/PM156	H25278xx	D, H	Gamma RAD(Si)	Feb-85	0-300k-600k-1Meg
1406W-6C	H25278xx	D, H	Neutron n/cm2	Jun-85	0-2e12-6e12-1e13
	H38424xx	D, H	Gamma RAD(Si)	May-86	0-300k-600k-1Meg
	H38424xx	D, H	Neutron n/cm2	Aug-86	0-2e12-6e12-1e13
1406U-6C1	E73857xx	D, H	Gamma RAD(Si)	Jun-88	0-100k-300k-600k
	H73939xx	H	Neutron/Gamma	Dec-88	0-6.0E12-600krad
	H73938xx	H	Neutron/Gamma	Dec-88	0-6.0E12-600krad
	H73934xx	H	Neutron/Gamma	Jan-89	0-6.0E12-600krad
	A1409003	D, H	Gamma RAD(Si)	Oct-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	A1512102	D, H	Gamma RAD(Si)	Jul-95	0, 10K, 20K, 30K, 40K, 50K, 48Hr
	1A109102.XLS	D, H	Gamma RAD(Si)	Oct. 96	0, 10K, 20K, 30K, 50K, 75K, 100K, 24Hr, 168Hr@100°C
OP-22	DC8437n.WKS	D, H	Neutron n/cm2	Jan-87	0-3e12
	H80145xx	H	Gamma RAD(Si)	Feb-90	0-50k-75k-100k-150k
OP-27	E66076xx	D, H	Gamma RAD(Si)	Jul-88	0-75k-150k-300k-600k-1Meg
1427V-6A	DC8733	H	FLASH X-RAY	Aug-88	Dose Rate testing
	J73953xx	D, H	Gamma RAD(Si)	May-89	0-1Meg
1427U-6A	E85384xx	D, H	Gamma RAD(Si)	Aug-90	0-75k-150k-300k-600k-1Meg
	DC9126G	D, H	Gamma RAD(Si)	Jan-92	0-5K-10K-20K-30K-50K-100K
	DC9123	D, H	Gamma RAD(Si)	Jan-92	0-10K-20K-75K-150K-300K-600-1Meg
	DC9143	D, H	Gamma RAD(Si)	Jan-92	0-5K-10K-20K-30K-50K
	H1288201	D, H	Gamma RAD(Si)	Jun-92	0, 20K, 24Hr
	A76390G.WK1	D, H	Gamma RAD(Si)	Jun-92	50K, 100K, 300K, 600K, 1M
	Q1339413	D, H	Gamma RAD(Si)	Jul-94	0, 75k, 72Hr, 240Hr
	Q1434802	D, H	Gamma RAD(Si)	Jul-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	G1314902	D, H	Gamma RAD(Si)	Jul-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	DC9407	D, H	Gamma RAD(Si)	Apr-95	0, 100K
	1A108072.XLS	D, H	Gamma RAD(Si)	May-96	0,20K,40K,100K,150K,200K,48Hr.
	1A105462.XLS	D, H	Gamma RAD(Si)	Apr-96	0,20K,40K,60K100K,150K,200K,24Hr.,168Hr@+100c
	1A105214.XLS	D, H	Gamma RAD(Si)	Apr-96	0, 20K, 40K, 60K
	G1314903.XLS	D, H	Gamma RAD(Si)	Apr-96	0,40k,100K,200K
	1A106402.XLS	D, H	Gamma RAD(Si)	Apr-96	0,200K
	1A109411.XLS	D, H	Gamma RAD(Si)	Aug-96	0,40K,100K,200K,24Hr.
	DC9530	H	0.1 rad/s Gamma	Aug-96	0, 5K, 11K, 18K, 25K, 43K, 67K, 85K, 127K, 26Hr, 166Hr@100°C
	F18984.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 150K, 72Hr, 240Hr
	1A114171.XLS	D, H	Gamma RAD(Si)	Dec-96	0, 20K, 50K, 100K, 24Hr
	1A115731.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 75K, 72Hr, 240Hr
	1A113329.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 30K, 50K, 100K, 24Hr
	1A113491.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 100K



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
	1A114211.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 30K, 50K, 100K, 24Hr
	1A123271.XLS	D, H	Gamma RAD(Si)	Jun-98	0, 10K, 20K, 50K, 75K, 100K, 48Hr.
	1A105613.XLS	D, H	Gamma RAD(Si)	Jun-98	0, 30K, 50K, 100K, 24Hr
	1A112621.XLS	D, H	Gamma RAD(Si)	Jun-98	0, 30K, 50K, 100K, 24Hr
	1A125952.XLS	D, H	Gamma RAD(Si)	Jan-99	0, 30K, 50K, 100K, 24Hr
	1A124672.XLS	D, H	Gamma RAD(Si)	Jun-99	0, 30K, 50K, 100K, 24Hr
	1S166031.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr
	1S166081.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr
	1S172291.XLS	D, H	Gamma RAD(Si)	Dec-99	0, 30K, 50K, 100K, 24Hr
	1S175301.XLS	D, H	Gamma RAD(Si)	Jan-00	0, 30K, 50K, 100K, 24Hr
	1S191091.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr
	1S218271.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr
	1S212351.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr
OP-37	1A10912.XLS	D, H	Gamma RAD(Si)	Oct-96	0,20K,40K,60K,100K,150K,200K,24Hr.,168Hr@+100C
1427U-6B2	1A109242.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 40K, 100K, 200K
	1A107871.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 40K, 100K, 200K, 24Hr
	1A109121.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 40K, 60K, 100K, 150K, 200K, 24Hr, 168Hr@100°C
	1S270761.XLS	D, H	Gamma RAD(Si)	Oct-00	0, 75K, 72Hr
OP-42	OP42CO	D, H	Gamma RAD(Si)	Oct-86	0-50k-100k-150k-300k-600k-1Meg
1432Z-6A5	K5425403	H	Gamma RAD(Si)	Jun-87	0-10k-30k-100k-300k-1Meg
	K5425403	H	Neutron n/cm2	Jun-87	0-1e12-3e12-1e13-3e13
	K79581xx	H	Neutron/Gamma	Jan-90	0-6e11-100k-150k-200k-300k
1432Z-6A6	Q17053xx	D, H	Gamma RAD(Si)	Dec-92	0, 100K, 72Hr, 240Hr
	A1705307	D, H	Gamma RAD(Si)	Jan-93	0, 5K, 15K, 50K, 75K, 100K, 24Hr
	H1705313	D, H	Gamma RAD(Si)	May-93	0, 100K, 144Hr
	Q90463xx	D, H	Gamma RAD(Si)	Jun-93	0, 25K, 50K, 72Hr, 240Hr
	Q1864305	H	Gamma RAD(Si)	Nov-95	0, 100K, 24Hr, 168Hr@100°C
	1A112031.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 29K, 50K, 100K, 24Hr
	1S250911.XLS	D, H	Gamma RAD(Si)	Oct-00	0, 100K, 72Hr
OP-43	OP43SEM.WKS	D, H	Total Dose SEM	Jun-86	0-300k-600k-1Meg
1410Z-6B	1A113362.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 10K, 20K, 30K, 50K, 75K, 100K, 24Hr, 168Hr@100°C
	F271631.XLS	D, H	Gamma RAD(Si)	Sept. 97	0, 15K, 30K, 50K, 48 Hr, 168 Hr @ 100°C
	F271635	D, H	Gamma RAD(Si)	Oct. 97	0, 15K, 30K, 50K, 48 Hr, 168 Hr @ 100°C
OP07/77/177	d/c 8635	D, H	Gamma RAD(Si)	Mar-87	0-5k-10k-30k-50k-100k
1415Y-6A1	d/c 8729	D, H	Gamma RAD(Si)	Jul-88	0-75k-150k-300k-600k-1Meg
	d/c 8610	D, H	Neutron n/cm2	Dec-86	0-1e12-5e12-1e13
	K78764xx	D, H	Gamma RAD(Si)	Dec-89	0-1k-4k-7k-30k-100k-200k-500k
	DC8852	D, H	Gamma RAD(Si)	Apr-90	0, 75K, 72Hr, 240Hr
	DC8923	D, H	Gamma RAD(Si)	Nov-90	0-75K-150K-300K-600K-1Meg
	G1668302	D, H	Gamma RAD(Si)	Jul-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	G1770606	D, H	Gamma RAD(Si)	Apr-95	0, 100K
	1A10446.2	D, H	Gamma RAD(Si)	Sep-95	0, 100K
	1A104071.XLS	D, H	Gamma RAD(Si)	Apr-96	0,20K,40,60K,100K,150K,200K,24Hr.,168Hr.@+100c
	1A106602.XLS	D, H	Gamma RAD(Si)	Jan-97	0, 20K, 35K, 48Hr
	1A113381.XLS	D, H	Gamma RAD(Si)	Jan-97	0, 20K, 50K, 100K, 24Hr
	1A121712.XLS	D, H	Gamma RAD(Si)	Jan-99	0, 5K, 7.5K, 10K, 12.5K, 15K, 20K, 25K, 30K
	1S166721.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
OP-200 1424Y-6A1	d/c 9024	D, H	Gamma RAD(Si)	Nov-90	0-25K-50K-75K-100K-125K
	A1052619	D, H	Gamma RAD(Si)	Aug-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
OP-215 1466W-6A 1466W-6A1	K67738xx	D, H	Gamma RAD(Si)	Nov-88	0-75k-150k-300k-600k-1Meg
	d/c 8728	D, H	Gamma RAD(Si)	Apr-88	0-10k-20k-30k
	d/c 8649	D, H	Neutron n/cm2	Nov-87	0-1E12-2E12-4E12-1E13-2E13
	Q79731xx	D, H	Neutron/Gamma	Oct-90	0-6e11-60k-100k-300k
	DC8943	D, H	Gamma RAD(Si)	Dec-90	0-75k-150k-300k-600k-1Meg
	DC9130	D, H	Neutron/Gamma	Aug-91	0-6e11-60k-100k-300k-500k
	Q90454xx	D, H	Neutron/Gamma	Jan-92	0-6e11-60k-100k-300k
	Q1545208	D, H	Neutron/Gamma	Dec-94	0, 100K, 72Hr, 240Hr
	Q15452xx	D, H	Neutron/Gamma	Feb-95	0, 100K, 72Hr, 240Hr
	1A108691.XLS	D, H	Gamma RAD(Si)	Jun-96	0,200K,72Hr.,240Hr.
	1A115532.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 30K, 50K, 100K, 24Hr
	1A116641.XLS	D, H	Gamma RAD(Si)	May 97	0, 50K, 72Hr, 240Hr
	1A127982.XLS	D, H	Gamma RAD(Si)	Jun-99	0, 30K, 50K, 100K, 24Hr
	1A128281.XLS	D, H	Gamma RAD(Si)	Sep-99	0, 30K, 50K, 100K, 24Hr
1A128282.XLS	D, H	Gamma RAD(Si)	Nov-99	0, 30K, 50K, 100K, 24Hr	
OP-227 1427V_6A	1A109801.XLS	D, H	Gamma RAD(Si)	Aug-96	0, 40K, 100K, 200K, 24Hr
	1A111321.XLS	D, H	Gamma RAD(Si)	Oct-96	0, 20K, 50K, 100K, 24Hr
OP270 1425Z-6B2	1A118562.XLS	D, H	Gamma RAD(Si)	Sept. 97	0, 30K, 50K, 100K, 24Hr
	JPL log 1861	D, H	Gamma RAD(Si)	Oct-97	0, 5K, 10K, 20K, 30K - LDR & HDR
	1A124851.xls	D, H	Gamma RAD(Si)	Sept-98	0, 30K, 50K, 100K,24Hr.
	1A125492.xls	D, H	Gamma RAD(Si)	Oct-98	0, 30K, 50K, 100K,24Hr
	1A125981.xls	D, H	Gamma RAD(Si)	Dec-98	0, 15K, 30K, 50K, 100K, 48Hr, 168 Hr @ 100° C
	1A126351.xls	D, H	Gamma RAD(Si)	Dec-98	0, 30K, 50K, 100K,24Hr
OP-400	K84028xx	D, H	Gamma RAD(Si)	Aug-90	0-75k-150k
	DC9022	D, H	Gamma RAD(Si)	Oct-90	0, 20K, 50K, 100K, 200K
	H8647501	D, H	Gamma RAD(Si)	Dec-92	0-25K-75K-24Hr-240Hr
	A9042302	D, H	Gamma RAD(Si)	Apr-94	0, 75k, 72Hr, 240Hr
	A1671209	D, H	Gamma RAD(Si)	Oct-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	Slew Rate	H	Gamma RAD(Si)		30K
	Q1619710	D, H	Gamma RAD(Si)	Apr-95	0, 75K, 72Hr, 240Hr
	Q1740107	D, H	Gamma RAD(Si)	Oct-95	0, 5L, 10K, 15K, 20K, 30K, 48Hr
	Q1619718	D, H	Gamma RAD(Si)	Oct-95	0, 75K, 72Hr, 240Hr
	1A106092.XLS	D, H	Gamma RAD(Si)	May-96	0,30K,48Hr.,168Hr.@100C
	F19783.XLS	D, H	Gamma RAD(Si)	Jun-96	0, 40K, 100K, 200K, 24Hr, 120Hr
	1A109891.XLS	D, H	Gamma RAD(Si)	Jul-96	0,150K,72Hr.,240Hr.
	1S112701.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 10K, 20K, 50K, 100K, 72Hr
	1A111741.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr
	1A115271.XLS	D, H	Gamma RAD(Si)	Mar. 97	0, 10K, 20K, 30K, 48Hr
	1A115541.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 30K, 50K, 100K, 24Hr
	1A117832.XLS	D, H	Gamma RAD(Si)	May 97	0, 75K, 72Hr, 240Hr
	1A118591.XLS	D, H	Gamma RAD(Si)	Sept. 97	0, 30K, 50K, 100K, 24Hr
	1S175271.XLS	D, H	Gamma RAD(Si)	Jan-00	0, 75K, 72Hr, 240Hr
	1S191001.XLS	D, H	Gamma RAD(Si)	Apr-00	0, 75K, 72Hr
OP467	DC9331	D, H	Gamma RAD(Si)	Apr-94	0, 10k, 20k, 50k, 75k, 100k, 125k, 72Hr, 240Hr
	1A109521.XLS	D, H	Gamma RAD(Si)	Aug-96	0,40K,100K,200K,24Hr.



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
OP-470	1A109542.XLS	D, H	Gamma RAD(Si)	Jul-96	0,200K,72Hr.,
	DC9548.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 8e11, 50K, 100K
	1A112611.XLS	D, H	Gamma RAD(Si)	Dec-96	0, 20K, 50K, 100K, 24Hr
	1A115231.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 30K, 50K, 100K, 24Hr
	DC9018	D, H	Gamma RAD(Si)	Oct-90	0, 20k, 50k, 100k, 200k, anneal
	Hardcopy	H		Jan-92	0, 4k, 7k, 10k, 15k, 20k, 25k
	Q1220415	D, H	Gamma RAD(Si)	Oct-94	0, 10K, 20K, 30K, 40K, 50K, 48Hr
	1A108721.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 40K, 100K, 200K, 24Hr
	1A109131.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 20K, 40K, 60K, 48Hr
	1A114201.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 20K, 50K, 100K, 24Hr
	1A115643.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 30K, 50K, 100, 24Hr
	DC9543	D, H	Gamma RAD(Si)	May-97	0, 5K, 11K, 16K, 20K - LDR & HDR (JPL log 1853)
	1A118962.XLS	D, H	Gamma RAD(Si)	Oct-97	0, 30K, 50K, 100, 24Hr
	1A120213.XLS	D, H	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr
	1A126392.XLS	D, H	Gamma RAD(Si)	Jan-99	0, 30K, 50K, 100K, 24Hr
1A128364.XLS	D, H	Gamma RAD(Si)	Jul-99	0, 30K, 50K, 100K, 24Hr	
OP-471 1470X-6A3	DC9026	D, H	Gamma RAD(Si)	Dec-90	0-75k-150k-300k-600k-1Meg
	DC9530.XLS	D, H	Gamma RAD(Si)	Aug-95	0, 5K, 10K, 15K, 20K, 30K, 48Hr
	1A128211.XLS	D, H	Gamma RAD(Si)	Jul-99	0, 30K, 50K, 100K, 24Hr
OP484	484char.xls	D, H	Gamma RAD(Si)	Feb-98	0, 30K, 50K, 100K, 24Hr, 72Hr
	1A120793.XLS	D, H	Gamma RAD(Si)	Apr-98	0, 30K, 50K, 100K, 24 Hr
PM-108 4002Z-6B	108LMSC	D, H	Gamma RAD(Si)	Jul-87	0-20k-50k-100k
	K60408xx	D, H	Gamma RAD(Si)	Sep-88	0-75k-150k-300k
	DC8719	H	FLASH X-RAY	Sep-88	Dose Rate testing
	Q75257xx	D, H	Gamma RAD(Si)	May-89	0-25k-50k-75k-100k
	Q75976xx	D, H	Gamma RAD(Si)	May-89	0-25k-50k-75k-100k
	DC9207	D, H	Gamma RAD(Si)	Apr-92	0-10K-50K-100K
	Hardcopy	H	Gamma RAD(Si)	?	55 Meg
	Q1377915	D, H	Gamma RAD(Si)	Jul-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	A9019706	D, H	Gamma RAD(Si)	Jul-93	0, 10K, 50K, 100K
	G13779818	D, H	Gamma RAD(Si)	Apr-95	0, 100K
	1A10444.1	D, H	Gamma RAD(Si)	Jun-95	0, 100K
	1A108971.XLS	D, H	Gamma RAD(Si)	Sep-96	0,200K,24Hr.,168Hr.@+100c
	1A111381.XLS	D, H	Gamma RAD(Si)	Sep-96	0, 200K, 72Hr, 240Hr
	1A118873.XLS	D, H	Gamma RAD(Si)	Sep-97	0, 100K, 24Hr.,169Hr.@+100c
	1A108402.XLS	D, H	Gamma RAD(Si)	Feb-98	0, 100K
	1A127661.XLS	D, H	Gamma RAD(Si)	Jun-99	0, 30K, 50K, 100K, 24Hr
	1S179481.XLS	D, H	Gamma RAD(Si)	Mar-00	0, 30K, 50K, 100K, 24Hr
1S220701.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr	
PM-111 3004X-6B	B5098726	D, H	Gamma RAD(Si)	Sep-88	0-75k-150k-300k-600k-1Meg
	E86045	D, H	Gamma RAD(Si)	Sep-90	0-75k-150k-300k-600k-1Meg
	Q1833803	D, H	Gamma RAD(Si)	Oct-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	G8604503	D, H	Gamma RAD(Si)	Apr-95	0, 100K, 24Hr
	J1449829.XLS	D, H	Gamma RAD(Si)	Apr-95	0, 100K, 72Hr, 240Hr
	1A10445.2	D, H	Gamma RAD(Si)	Jun-95	0, 100K
	1A106902.XLS	D, H	Gamma RAD(Si)	May-96	0,200K,4Hr.



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
PM-139 3003Z-6A 3003Y-6A	E6527002	H	Neutron n/cm2	Apr-88	0-1E12-3E12-1E13
	S22273	D, H	Neutron n/cm2	Jun-88	0-1E12-3E12-1E13
	Hardcopy	H	Dose Rate	Sep-88	Linac dose rate test
	A9019907	D, H	Gamma RAD(Si)	Oct-93	0, 50K, 100K, 200K
	G1383704	D, H	Gamma RAD(Si)	Apr-95	0, 50K
	1B10505.1	D, H	Gamma RAD(Si)	Jun-95	0, 100K
	1A10505.1	D, H	Gamma RAD(Si)	Jun-95	0, 100K
	Q1807108	D, H	Gamma RAD(Si)	Oct-95	0, 75K, 72Hr, 240Hr
	1251see	D, H	SEU	Nov-95	Single Event Upset from JPL database
	1A107952.XLS	D, H	Gamma RAD(Si)	Jun-96	0,40K,100K,200K
	1A108942.XLS	D, H	Gamma RAD(Si)	Jul-96	0,40K,100K,200K
	1A108383.XLS	D, H	Gamma RAD(Si)	Jun-96	0,150K,72Hr.,240Hr.
	1A108561.XLS	D, H	Gamma RAD(Si)	Jul-96	0,20K40K,60K,48Hr.
	1A111461.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr
	1A112281.XLS	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K
	1A115333.XLS	D, H	Gamma RAD(Si)	Apr-97	0, 75K, 72Hr, 240Hr
	1A118072.XLS	D, H	Gamma RAD(Si)	June 97	0, 75K, 72Hr, 240Hr
	1A117824.XLS	D, H	Gamma RAD(Si)	Jul-97	0, 75K, 72Hr, 240Hr
	1A122862.XLS	D, H	Gamma RAD(Si)	Jan-99	0, 30K, 50K, 100K, 24Hr
	1A117756.XLS	D, H	Gamma RAD(Si)	Jan-99	0, 30K, 50K, 100K, 24Hr
1A112281.XLS	D, H	Gamma RAD(Si)	Jun-99	0, 30K, 50K, 100K, 24Hr	
PM-156 1406U_6B	1A108451.XLS	D, H	Gamma RAD(Si)	May-96	0,20k,40K,100K,150K,200K,48Hr.
	1S165261.XLS	D, H	Gamma RAD(Si)	Oct-99	0, 30K, 50K, 100K, 24Hr
REF-01/10 1800Y-6A 1800W-6A1	H27821xx	D, H	Gamma RAD(Si)	Aug-85	0-300k-600k-1Meg
	H27821xx	D, H	Neutron n/cm2	Oct-85	0-2e12-6e12-1e13
	H27821xx	H	Neutron/Gamma	Nov-88	0-3.3E12-300krad
	H29763xx	D, H	Gamma RAD(Si)	Aug-85	0-300k-600k-1Meg
	H29763xx	D, H	Neutron n/cm2	Oct-85	0-2e12-6e12-1e13
	DC9109	D, H	Gamma RAD(Si)	Jan-92	0-5K-10K-20K-30K-50K-100K
	S587	D, H	Gamma RAD(Si)	Apr-95	0, 100k
	Q1289525	D, H	Gamma RAD(Si)	Oct-95	0, 100K, 24Hr@ROOM, 168Hr@+100
Q1289526	D, H	Gamma RAD(Si)	Nov-95	0, 100K, 72Hr, 240Hr	
REF-02/05 1800Y-6B 1800W-6B	H66633xx	D, H	Gamma RAD(Si)	May-89	0-1Meg
	DC8423	D, H	Neutron/Gamma	Nov-84	0-3e12-100k-300k-500k-1Meg
	Q85739xx	D, H	Gamma RAD(Si)	Feb-93	0-3.5K-7K-15K-35K
	Q1745727	D, H	Gamma RAD(Si)	Sep-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	1A108911.XLS	D, H	Gamma RAD(Si)	Jul-96	0,40K,100K,200K
	1A1110031	D, H	Gamma RAD(Si)	Sep-96	0, 40K, 100K, 200K
	1A111751	D, H	Gamma RAD(Si)	Nov-96	0, 20K, 50K, 100K, 24Hr
	1A114071.XLS	D, H	Gamma RAD(Si)	Mar-97	0, 20K, 35K, 48Hr
	1A122381.PDF	D, H	Gamma RAD(Si)	Apr-98	0, 30K, 50K, 100K, 24Hr
	1A115351.XLS	D, H	Gamma RAD(Si)	Jun-98	0, 30K, 50K, 100K, 24Hr
	1S164351.XLS	D, H	Gamma RAD(Si)	Oct-99	0, 30K, 50K, 100K, 24Hr
	1A114071.XLS	D, H	Gamma RAD(Si)	Jan-00	0, 30K, 50K, 100K, 24Hr
	1S187001.XLS	D, H	Gamma RAD(Si)	Mar-00	0, 30K, 50K, 100K, 24Hr
1S220501.XLS	D, H	Gamma RAD(Si)	Jul-00	0, 30K, 50K, 100K, 24Hr	
1S270771.XLS	D, H	Gamma RAD(Si)	Oct-00	0, 30K, 50K, 100K, 24Hr	



RADTESTSM DATA SERVICE TEST REPORT LIST

Product/ Mask Set	Run No./ Filename	Media (Note)	Radiation Environment	Test Date	Radiation Level with Data
REF-43 1802Z-6A1	B72580xx	D, H	Gamma RAD(Si)	Oct-88	0-300k-600k-1000k
	DC9205	D, H	Gamma RAD(Si)	Apr-92	0-20K-50K-100K-24Hr
	1A108891.XLS	D, H	Gamma RAD(Si)	Jun-96	0, 40K, 100K, 200K
	1A108131.XLS	D, H	Gamma RAD(Si)	Jun-96	0, 200K, 72Hr, 240Hr
	1A109091.XLS	D, H	Gamma RAD(Si)	Jul-96	0, 40K, 100K, 200K
	F250851.XLS	D, H	Gamma RAD(Si)	Sept. 97	0, 100K, 72 Hr, 240Hr
	1A119631.XLS	D, H	Gamma RAD(Si)	Dec-97	0, 30K, 50K, 100K, 24Hr
	1A122181	D, H	Gamma RAD(Si)	Mar-98	0, 50K, 100K
SMP11	Various	H	Gamma RAD(Si)	Various	Up to 600K
	A1433307	D, H	Gamma RAD(Si)	Oct-94	0, 10k, 20k, 30k, 40k, 50k, 48Hr
	1A104691.XLS	D, H	Gamma RAD(Si)	Jan-97	0, 10K, 20K, 30K, 50K, 75K, 100K, 24Hr, 168Hr@100°C
SW 06 1905Y-6E	d/c 8951	D, H	Gamma RAD(Si)	Oct-90	0-75k-150k-300k-600k-1Meg
SW201 1905Y-6C	1S105911	D, H	Gamma RAD(Si)	Oct-95	0, 5K, 10K, 15K, 20K, 30K, 48Hr

RADTESTSM DATA SERVICE

PRODUCT/PROCESS CROSS REFERENCE

**Radiation
Information on
Analog Devices, Inc.
Aerospace Products**



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT/PROCESS LISTING

This section lists the wafer processing technology that is used to manufacture major products at Analog Devices. This information is useful to determine probable radiation tolerance of products not yet tested and therefore not listed in the RADTESTSM Summary

HOW TO USE THIS SECTION

Look the part up in this section and note the wafer process technology used. Then go to page 3 and look up description of process. Review data for similar products manufactured with the same wafer process technology. The resulting radiation information for those parts will possibly be similar to the part you are interested in but for which no radiation data is yet available. (*Confidence in this similarity may vary with process and/or design*)

NOTE: Sorting in this section is alphanumeric by the data in the first column. The numeric arrangement is left-justified, thus the model AD1385 appears before the model AD532.



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PROCESS DESCRIPTIONS

PROCESS CODE	PROCESS DESCRIPTION
ABCMOS	2 μ CMOS with Double Poly Capacitors
ABCMOS1	12V Bipolar, 2 μ CMOS, Thin Film Resistors, Buried Zener, Lateral PNP
ACCELEROMETER	22V Bipolar, 4 μ CMOS, Micro-machining
BIMOS	22V Bipolar, 4 μ CMOS, Thin Film Resistors
BIMOS2B	22V Bipolar, 4 μ CMOS, Vt ADJ, Thin Film Resistors, Buried Zener
BIPOLAR	36V & 44V Bipolar
CBCMOS2E	12V Complimentary Bipolar/CMOS, Thin Film Resistors, Poly+ / P+ Capacitors
CBCMOS2E/DLM	CBCMOS2E with Double Level Metal Option
CB	36V Complementary Bipolar DI, Thin Film Resistors
HVCMOS	5 μ H.V. Self Aligned Poly Gate CMOS, Thin Film Resistors
D (SAP CMOS)	15V Self Aligned Poly Gate CMOS
DSP4	5V, 1.5 μ CMOS
DSP4A	5V, 1.0 μ CMOS, Double Poly Capacitors, P/P+ Epi, N-Well
E1C	1.2 μ CMOS, N-Well Dual Layer Metal with Barrier Metal
E2C	1.2 μ CMOS, Dual Poly Dual Layer Metal, Double Poly Capacitors
E3C	1.0 μ CMOS, Single Poly Dual Layer Metal
E4C	1.0 μ CMOS, Dual Poly Dual Layer Metal, Double Poly Capacitors
E5C	0.8 μ CMOS, Single Poly Dual Layer Metal with Barrier Metal
E6M	0.8 μ Double Poly, Double Metal (DPDM)
E8C	0.6 μ 5V Single Poly Dual Layer Metal
E9M	0.6 μ CMOS, 2P2M 5V MIXED SIG.
E16B	CBIC-U BIPOLAR
E20B	4 μ 5V, 6.5, ff, Cjc, Triple Layer Metal
E27C	1.2 μ CMOS, N-Well Single Poly Dual Layer Metal
E28C	1.5 μ CMOS, P-Well
E30B	Bipolar D.I.
E31B	Bipolar
E32C (BiCMOSA)	1.5 μ CMOS - TSMC
E33C (BiCMOSB)	1.0 μ CMOS - TSMC
E35C	1.2 μ CMOS, Single Poly Dual Layer Metal
E36C	1.2 μ Dual Poly Dual Layer Metal
E38C	0.8 μ CMOS, Dual Poly Dual Layer Metal
E39C	0.6 micron, Single Poly Dual Layer Metal
E40C	0.6 μ CMOS, Dual Poly Dual Layer Metal
E41S	0.6 μ CMOS, SRAM 5V
EP107	5V BiCMOS 0.6 μ m DPDM, Poly-Poly Caps
F	15V JFET, Thin Film Resistors
FLASH	7V High Speed Bipolar, Thin Film Resistors
H	25V Polygate CMOS
I (LOCOS-5)	5V 4 μ LOCOS, Silicide Gate, PNP, JFET, Thin Film Resistors
J (JFET)	15V Self Aligned Poly Gate, JFET, Thin Film Resistors
K	25V Polygate CMOS
L	10V LOCOS, CMOS, PNP, Thin Film Resistors
M (HVS CMOS)	30V High Voltage Switch CMOS
N	15V Trench Isolated Process CMOS, Thin Film Resistors
P	15V DI Process CMOS, JFET, Thin Film Resistors
P1 (Bipolar I)	44V Bipolar, P-Channel JFET, Buried Zener, Thin Film Resistors
P2 (Bipolar II)	18V Bipolar μ L Logic, Dual Layer Metal, Buried Zener, Thin Film Resistors
P3 (Bipolar III)	36V Bipolar, P-Channel JFET, Dual Layer Metal, Buried Zener, Thin Film Resistors
Q (LOCOS-30)	30V LOCOS, CMOS, PNP, JFET Thin Film Resistor
RBCMOS	12V Bipolar, 2 μ CMOS, Thin Film Resistors, Buried Zener, Radiation Hardness
T	5V 2 μ BiCMOS, Silicide, Double Poly Capacitors, PNP, Thin Film Resistors, Dual Layer Metal
W	10V 2 μ CMOS, Double Poly Capacitors, PNP, Thin Film Resistors
XFCB	12V High Speed Complimentary Bipolar, D.I., Thin Film Resistors



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD101	P1	AD22100	P3
AD1380	P2	AD22103	P3
AD1403	P1	AD22150	P3
AD1671	ABCMOS	AD22180	P3
AD1672	ABCMOS	AD22181	P3
AD1674	BIMOS	AD22214	BIMOS2C
AD1679	BIMOS	AD22313	P3
AD1845	E40C	AD22401	BIMOS
AD1846	E5C	AD230	IP
AD1847	E40C	AD231	IP
AD1848	E6M	AD232	IP
AD1849	E6M	AD233	IP
AD1851	ABCMOS	AD234	IP
AD1856	ABCMOS	AD236	IP
AD1860	BIMOS	AD237	IP
AD1861	ABCMOS	AD238	IP
AD1862	BIMOS	AD239	IP
AD1864	BIMOS	AD241	IP
AD1865	ABCMOS	AD2S100	LCCMOS
AD1866	ABCMOS	AD2S105	I
AD1868	ABCMOS	AD2S80	BIMOS
AD1870	BIMOS/DSP4	AD2S80A	BIMOS
AD18701	BIMOS	AD2S81	BIMOS
AD1876	BIMOS/DSP4	AD2S82	BIMOS
AD18762	BIMOS	AD2S82A	BIMOS
AD18765	DSP4	AD2S83	BIMOS
AD18767	BIMOS	AD2S90	BIMOS
AD1877	E5C	AD2S93	BIMOS
AD1878	ABCMOS/NCR	AD2S99	Q
AD1879	ABCMOS/NCR	AD420	BIMOS
AD1880	E5C	AD42408	FLASH
AD1890	E38C	AD42726	ABCMOS
AD1891	E38C	AD50283	P2
AD1B60	LCCMOS/CMOS	AD503	P1
AD22001	P3	AD504	P1
AD22002	P3	AD506	P1
AD22003	P3	AD507	E30B
AD22004	P3	AD50800	XFCB
AD22006	P3	AD50820	XFCB
AD22020	P3	AD509	E30B
AD22030	FLASH	AD510	P1
AD22050	P3	AD515	P1
AD22051	P3	AD517	P1
AD22053	P3	AD518	P1
AD22055	P3	AD519	P1
AD22057	P3	AD521	P1



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD524	P1	AD585	P3
AD526	P1	AD585	P3
AD530	P1	AD586	P3
AD53000	XFCB	AD587	P3
AD53001	XFCB	AD588	P3
AD53002	XFCB	AD589	P1
AD53004	XFCB	AD590	P1
AD53005	XFCB	AD592	P1
AD53008	XFCB	AD594	P3
AD53013	XFCB	AD595	P3
AD532	P1	AD596	P3
AD533	P1	AD597	P3
AD534	P1	AD598	P3
AD535	P1	AD599	P3
AD536A	P1	AD600	FLASH
AD537	P1	AD602	FLASH
AD538	P3	AD603	FLASH
AD539	P2	AD606	FLASH
AD542	P1	AD607	XFCB
AD544	P1	AD608	XFCB
AD545A	P3	AD611	P1
AD546	P3	AD620	P3
AD547	P1	AD621	P3
AD548	P3	AD624	P1
AD549	P3	AD625	P1
AD5539	FLASH	AD626	P3
AD557	P2	AD630	P3
AD558	P2	AD632	P1
AD561	P1	AD633	P1
AD562	P1	AD636	P1
AD563	P1	AD637	P3
AD565A	P2	AD639	P3
AD566A	P2	AD640	FLASH
AD567	P2	AD642	P1
AD568	CB	AD644	P1
AD569	BIMOS	AD645	P3
AD570	P2	AD647	P1
AD571	P2	AD648	P3
AD573	P2	AD650	P3
AD574A	P2	AD651	P3
AD575	P2	AD652	P3
AD580	P1	AD654	P1
AD581	P1	AD660	BIMOS
AD582	P1	AD662	ABCMOS
AD583	E31B	AD663	ABCMOS
AD584	P1	AD664	BIMOS



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD6640	XFCB	AD7226	D
AD667	P3	AD7228	D
AD668	CB	AD723	E6M
AD669	BIMOS	AD7233	J
AD670	P2	AD7237	J
AD671	ABCMOS	AD7237A	J
AD673	P2	AD724	E6M
AD674A	BIMOS	AD7240	D
AD674B	FLASH	AD7242	L
AD676	BIMOS/DSP4	AD7243	J
AD677	BIMOS/DSP4	AD7244	L
AD678	BIMOS	AD7245	J
AD679	BIMOS	AD7245A	J
AD680	P3	AD7247	J
AD682	BIMOS	AD7248	J
AD684	BIMOS	AD7248A	J
AD688	P3	AD7249	J
AD689	P3	AD7306	Q
AD693	P3	AD734	CB
AD694	P3	AD7341	L
AD698	P3	AD736	P3
AD7001	I	AD737	P3
AD7002	W	AD7371	L
AD7004	I	AD741	P1
AD7008	E71C	AD743	P3
AD7010	E2C	AD744	P3
AD7011	E2C	AD745	P3
AD7013	E2C	AD746	P3
AD704	P3	AD75002	BIMOS
AD705	P3	AD75004	BIMOS
AD706	P3	AD7501	M
AD707	P1	AD75019	BIMOS
AD708	P1	AD7502	M
AD711	P3	AD75028	BIMOS
AD7110	H	AD7503	M
AD7111	H	AD75030	BIMOS
AD7112	L	AD7506	M
AD7115	H	AD75060	BIMOS
AD7118	H	AD75062	BIMOS
AD712	P3	AD75063	BIMOS
AD713	P3	AD75068	BIMOS
AD720	ABCMOS1	AD75069	BIMOS
AD721	E38C	AD7507	M
AD722	E6M	AD75071	BIMOS
AD7224	D	AD75075	BIMOS
AD7225	D	AD75076	BIMOS



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD75078	BIMOS	AD7586	L
AD75079	BIMOS	AD7590DI	N
AD75080	BIMOS	AD7591DI	P
AD75081	BIMOS2B	AD7592DI	P
AD75089	BIMOS	AD760	BIMOS
AD75095	BIMOS	AD7628	D
AD7510DI	N	AD766	BIMOS
AD7511DI	N	AD7669	I
AD7512DI	N	AD7670	E40C
AD7520	D	AD767	P3
AD7521	D	AD7672	J
AD7522	Q	AD768	ABCMOS1
AD7523	D	AD770	BIT
AD7524	D	AD7701	W
AD7525	H	AD7703	W
AD7528	D	AD7710	W
AD7533	D	AD7711	W
AD7534	D	AD7712	W
AD7535	D	AD7713	W
AD7536	D	AD7714	E2C
AD7537	D	AD7715	E36C
AD7538	D	AD7720	E40C
AD7541	D	AD7721	E38C
AD7541A	D	AD7722	
AD7542	D	AD773	ABCMOS
AD7543	D	AD774	BIMOS
AD7545	D	AD7769	I
AD7546	Q	AD7773	I
AD7547	D	AD7774	I
AD7548	D	AD7775	I
AD7549	D	AD7775B	I
AD7550	K	AD7776	I
AD7552	K	AD7777	I
AD7564	T	AD7778	I
AD7568	W	AD779	BIMOS
AD7569	L	AD780	P3
AD7572	J	AD7804	E38C
AD7572A	J	AD781	BIMOS
AD7574	L	AD7820	L
AD7575	L	AD7821	L
AD7576	L	AD7824	L
AD7578	Q	AD7828	L
AD7579	L	AD783	ABCMOS
AD7580	L	AD7834	Q
AD7581	L	AD7835	Q
AD7582	Q	AD7837	D



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD7840	L	AD79013	L
AD7845	D	AD79014	L
AD7846	D	AD79016	W
AD7847	D	AD79018	I
AD7848	L	AD79019	Q
AD7849	Q	AD79021	Q
AD7850	I	AD79022	I
AD7851	E4C	AD79023	W
AD7853	E4C	AD79025	W
AD7853L	E4C	AD79026	I
AD7854	E40C	AD79093	L
AD7858	E4C	AD7943	T
AD7858L	E4C	AD7945	T
AD7859		AD7948	T
AD7861	E38C	AD795	P3
AD7868	L	AD79505	T
AD7869	L	AD79506	DSP4A
AD7870	L	AD796	P3
AD7871	L	AD797	CB
AD7872	L	AD800	FLASH
AD7874	L	AD8001	XFCB
AD7875	L	AD8002	XFCB
AD7876	L	AD8004	XFCB
AD7878	L	AD8011	XFCB
AD7880	L	AD8013	XFCB
AD7884	I	AD8015	XFCB
AD7885	I	AD802	FLASH
AD7886	I	AD803	FLASH
AD7890-10	W	AD8032	XFCB
AD7890-2	W	AD8036/37	XFCB
AD7890-4	W	AD8041	XFCB
AD7891-1	T	AD8047	XFCB
AD7891-2	T	AD8048	XFCB
AD7892-1	T	AD805	FLASH
AD7892-3	T	AD807	XFCB
AD7893-10	W	AD810	CB
AD7893-2	W	AD811	CB
AD7893-5	W	AD812	CB
AD7895	T	AD8138	XFCB
AD7896	T	AD817	CB
AD790	CB	AD818	CB
AD79008	Q	AD820	CB
AD79009	Q	AD821	CB
AD79010	L	AD822	CB
AD79011	Q	AD823	CB
AD79012	Q	AD824	CB



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD826	CB	AD9028	E20B
AD827	CB	AD9040	ABCMOS
AD828	CB	AD9042	XFCB
AD829	CB	AD9048	E20B
AD830	CB	AD9050	E33C
AD8300	CBCMOS2E	AD9054	EP107
AD831	FLASH	AD9058	E20B
AD834	FLASH	AD9060	E20B
AD835	XFCB	AD9066	E33C
AD840	CB	AD9070	ADRF
AD841	CB	AD9071	EP107
AD842	CB	AD9100	E16B
AD843	CB	AD9101	E16B
AD844	CB	AD9200	E40C
AD845	CB	AD9201	E40C
AD846	CB	AD9220	E38C
AD847	CB	AD9221	E38C
AD848	CB	AD9223	E38C
AD849	CB	AD9224	E40C
AD8522	CBCMOS2E	AD9225	E40C
AD8531	E6M	AD9240	E38C
AD8534	E6M	AD9241	E38C
AD8561	XFCB	AD9243	E38C
AD8582	CBCMOS2/2E-DLM	AD9260	E40C
AD8600	CBCMOS2E	AD9280	E40C
AD871	ABCMOS	AD9300	FLASH
AD872	ABCMOS	AD9432	BiCMOS
AD873	E3C	AD9500	FLASH
AD875	E4C	AD9501	FLASH
AD876	E38C	AD9505	STAT
AD880	ABCMOS	AD9560	ABCMOS
AD880A	ABCMOS	AD9590	STAT
AD890	FLASH	AD9617	E16B
AD891	FLASH	AD9618	E16B
AD891A	FLASH	AD9620	E16B
AD891B	FLASH	AD9621	E16B
AD892	FLASH	AD9622	E16B
AD896	ABCMOS	AD9623	E16B
AD897	ABCMOS	AD9624	E16B
AD899	ABCMOS	AD9630	E16B
AD9000	FLASH	AD9631	E16B
AD9002	E20B	AD9632	E16B
AD9012	E20B	AD96685	FLASH
AD9020	E20B	AD96687	FLASH
AD9022	STAT	AD9687	FLASH
AD9023	STAT	AD9696	STAT



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
AD9698	STAT	ADG429	M
AD9700	FLASH	ADG431	N
AD9701	FLASH	ADG432	N
AD9712B	STAT	ADG433	N
AD9713B	STAT	ADG438F	P
AD9720	STAT	ADG441	N
AD9721	STAT	ADG442	N
AD9731	EP107	ADG444	N
AD9752	E39C	ADG445	N
AD976	ABCMOS	ADG506A	M
AD9764	E39C	ADG507A	M
AD9768	FLASH	ADG508A	M
AD977	ABCMOS	ADG508F	P
AD9774	E39C	ADG509A	M
AD9802	E40C	ADG509F	P
AD9807	E40C	ADG513	M
AD9850	E9M	ADG526A	M
AD9851	E40C	ADG527A	M
AD9901	STAT	ADG528A	M
ADC908	HV CMOS	ADG528F	P
ADC910	HV CMOS	ADG529A	M
ADC912	HV CMOS	ADG608	L
ADC912A	HV CMOS	ADG609	L
ADCE7300	I	ADM1485	ABCMOS1
ADCE7700	L	ADM202	Q
ADCE7701	L	ADM206	Q
ADG201A	M	ADM207	Q
ADG201HS	M	ADM208	Q
ADG202A	M	ADM209	Q
ADG202A	M	ADM211	Q
ADG211A	M	ADM213	Q
ADG212A	M	ADM222	Q
ADG221	M	ADM223	Q
ADG222	M	ADM230	Q
ADG333A	M	ADM231	Q
ADG406	M	ADM232	Q
ADG407	M	ADM232A	Q
ADG408	M	ADM232L	Q
ADG409	M	ADM233L	Q
ADG411	N	ADM234L	Q
ADG412	N	ADM235L	Q
ADG413	M	ADM236L	Q
ADG417	N	ADM237L	Q
ADG419	N	ADM238L	Q
ADG426	M	ADM239L	Q
ADG428	M	ADM241L	Q



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
ADM242	Q	ADSP2181	E41S
ADM485	ABCMOS1	ADSPmsp01	E4C
ADM5170	Q	ADSPmsp02	E4C
ADM5180	I	ADSPmsp5x	E8C
ADM560	Q	ADV101	E1C
ADM561	Q	ADV453	E1C
ADM660	I	ADV458	E3C
ADM663	Q	ADV471	E28C
ADM666	Q	ADV473	E3C
ADM690	E35C	ADV476	E28C
ADM691	E35C	ADV478	E28C
ADM692	E35C	ADV7120	E1C
ADM693	E35C	ADV7121	E1C
ADM694	E35C	ADV7122	E1C
ADM695	E35C	ADV7129	E5C
ADM696	E35C	ADV7150	E5C
ADM697	E35C	ADV7151	E5C
ADM698	E35C	ADV7152	E5C
ADM699	E35C	ADV7160	E37C
ADM705	E35C	ADV7162	E37C
ADM706	E35C	ADXL05	BIMOS
ADM707	E35C	ADXL110	BIMOS
ADM708	E35C	ADXL50	Accelerometer
ADM709	E35C	ADXL75	BIMOS
ADM8660	I	AMP01	Bipolar
ADMC200	E38C	AMP02	Bipolar
ADMC201	E38C	AMP03	Bipolar
ADP3300	CBCMOS	AMP04	CBCMOS1/1E-SLM
ADP525	CBCMOS1E	AMP05	Bipolar
ADP667	Q	BUF03	Bipolar
ADSC900	E4C	BUF04	CB
ADSC901	E3C	CMP01	Bipolar
ADSC961	E3C	CMP02	Bipolar
ADSP2100	DSP4	CMP04	Bipolar
ADSP2100A	E3C	CMP05	Bipolar
ADSP2101	E5C	CMP08	Bipolar
ADSP21010	E5C	CMP404	Bipolar
ADSP2102	E5C	CST07	CBCMOS2E/DLM
ADSP21020	E5C	CST11	HV CMOS
ADSP2103	E5C	DAC01	Bipolar
ADSP2105	E5C	DAC02	Bipolar
ADSP21060X	E29C	DAC03	Bipolar
ADSP2111	E5C	DAC05	Bipolar
ADSP2115	E5C	DAC06	Bipolar
ADSP2161	E5C	DAC08	Bipolar
ADSP2171	E8C	DAC10	Bipolar



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
DAC100	Bipolar	MUX24	Bipolar
DAC1408	Bipolar	MUX28	Bipolar
DAC1508	Bipolar	MUX88	Bipolar
DAC16	Bipolar	OP01	Bipolar
DAC180	P2	OP02	Bipolar
DAC20	Bipolar	OP04	Bipolar
DAC208	Bipolar	OP05	Bipolar
DAC210	Bipolar	OP06	Bipolar
DAC312	Bipolar	OP07	Bipolar
DAC8012	HV CMOS	OP08	Bipolar
DAC8043	HV CMOS	OP09	Bipolar
DAC8143	HV CMOS	OP10	Bipolar
DAC8212	HV CMOS	OP108	Bipolar
DAC8221	HV CMOS	OP11	Bipolar
DAC8222	HV CMOS	OP113	Bipolar
DAC8228	HV CMOS	OP12	Bipolar
DAC8229	HV CMOS	OP14	Bipolar
DAC8248	HV CMOS	OP15	Bipolar
DAC8408	HV CMOS	OP16	Bipolar
DAC8412	CBCMOS1/1E-SLM	OP160	Bipolar
DAC8413	CBCMOS1/1E-DLM	OP162	XFCB
DAC8420	CBCMOS1E/DLM	OP17	Bipolar
DAC8426	HVCMOS	OP176	Bipolar
DAC85	P3	OP177	Bipolar
DAC8512	CBCMOS2/2E-DLM	OP183	Bipolar
DAC8562	Bipolar	OP191	CBCMOS2E/DLM
DAC86	Bipolar	OP193	Bipolar
DAC88	Bipolar	OP20	Bipolar
DAC8800	HV CMOS	OP200	Bipolar
DAC8840	LV CMOS	OP207	Bipolar
DAC8842	CBCMOS2E/DLM	OP21	Bipolar
DAC888	Bipolar	OP213	CBCMOS1E
DAC89	Bipolar	OP215	Bipolar
DAR01	Bipolar	OP22	Bipolar
DAS08/PM7569	CBCMOS2/2E-SLM	OP220	Bipolar
DAS08A	CBCMOS2E/SLM	OP221	Bipolar
DMX88	Bipolar	OP227	Bipolar
GAP01	Bipolar	OP249	Bipolar
LIU01	Bipolar	OP25	Bipolar
MAT01	Bipolar	OP260	Bipolar
MAT02	Bipolar	OP262	XFCB
MAT03	Bipolar	OP27	Bipolar
MAT04	Bipolar	OP270	Bipolar
MLT04	CBCMOS2E/DLM	OP271	Bipolar
MUX08	Bipolar	OP275	Bipolar
MUX16	Bipolar	OP279	CBCMOS



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
OP282	Bipolar	PM156	Bipolar
OP283	Bipolar	PM157	Bipolar
OP284	Bipolar	PM2108	Bipolar
OP285	Bipolar	PM211	Bipolar
OP290	Bipolar	PM355	Bipolar
OP291	CBCMOS2E/DLM	PM356	Bipolar
OP292	CBCMOS1/1E-SLM	PM357	Bipolar
OP295	Bipolar	PM4136	Bipolar
OP297	Bipolar	PM6012	Bipolar
OP32	Bipolar	PM7224	HV CMOS
OP37	Bipolar	PM7224	HV CMOS
OP400	Bipolar	PM7226	HV CMOS
OP41	Bipolar	PM725	Bipolar
OP413	CBCMOS	PM741	Bipolar
OP42	Bipolar	PM741	Bipolar
OP420	Bipolar	PM741A	Bipolar
OP421	Bipolar	PM747	Bipolar
OP43	Bipolar	PM7524	HV CMOS
OP44	Bipolar	PM7528	HV CMOS
OP44	Bipolar	PM7533	HV CMOS
OP462	XFCB	PM7541	HV CMOS
OP471	Bipolar	PM7541	HV CMOS
OP482	Bipolar	PM7541A	HV CMOS
OP484	Bipolar	PM7542	HV CMOS
OP490	Bipolar	PM7543	HV CMOS
OP491	CBCMOS2E/DLM	PM7543	HV CMOS
OP491	CBCMOS2E/DLM	PM7545	HV CMOS
OP492	CBCMOS1E/DLM	PM7548	HV CMOS
OP495	Bipolar	PM7574	HV CMOS
OP497	Bipolar	PM7628	HV CMOS
OP50	Bipolar	PM7645	HV CMOS
OP61	Bipolar	PM820	Bipolar
OP64	Bipolar	PM821	Bipolar
OP77	Bipolar	REF01	Bipolar
OP80	Bipolar	REF01	Bipolar
OP90	Bipolar	REF02	Bipolar
OP97	Bipolar	REF03	Bipolar
PKD01	Bipolar	REF05	Bipolar
PM1008	Bipolar	REF05	Bipolar
PM1012	Bipolar	REF191	CBCMOS1/1E-SLM
PM108	Bipolar	REF192	CBCMOS1/1E-SLM
PM111	Bipolar	REF193	CBCMOS1/1E-SLM
PM119	Bipolar	REF194	CBCMOS1E/SLM
PM139	Bipolar	REF195	CBCMOS1E/SLM
PM148	Bipolar	REF196	CBCMOS1E/SLM
PM155	Bipolar	REF197	Bipolar



RADTESTSM DATA SERVICE PRODUCT/PROCESS LIST

PRODUCT	PROCESS CODE	PRODUCT	PROCESS CODE
REF43	Bipolar	SSM2139	Bipolar
ROC06	Bipolar	SSM2141	Bipolar
ROC111	Bipolar	SSM2142	Bipolar
RPT82	Bipolar	SSM2143	Bipolar
RPT83	Bipolar	SSM2160	Bipolar
RPT85	Bipolar	SSM2164	Bipolar
RPT86	Bipolar	SSM2210	Bipolar
RPT87	Bipolar	SSM2220	Bipolar
SMP04	HV CMOS	SSM2402	Bipolar
SMP08	HV CMOS	SSM2404	Bipolar
SMP10	HV CMOS	SSM2404	CBCMOS1/SLM
SMP18	HV CMOS	SSM2412	Bipolar
SMP81	Bipolar	SW01	Bipolar
SSM2013	Bipolar	SW02	Bipolar
SSM2017	Bipolar	SW05	Bipolar
SSM2018A	Bipolar	SW06	Bipolar
SSM2018T	Bipolar	SW201	Bipolar
SSM2118T	Bipolar	SW202	Bipolar
SSM2120	Bipolar	SW7510	Bipolar
SSM2125	CBCMOS1/DLM	SW7511	Bipolar
SSM2125A	CBCMOS1E/DLM	TMP01	ECL
SSM2131	Bipolar	TMP03	CBCMOS2E
SSM2135	Bipolar	VFC3232	P3
SSM2139	Bipolar		