

Paper No., Page No.	First Author	Part No.	Type	Manufacture	Data		Total Ionizing Dose			Single Event Effects				Dose Rate	Displacement Damage		Facilities	Standard	Environment	
					Terrestrial	Flight	Co60	ELDRS	Protons	Electrons	SEU	SET	SEFI		SEL	SEB				SEGR
1, pp. 1-10	J. Barth	MT5C1008CW25	128k x 8 SRAM	Micron																
		88130L45PC	128k x 8 SRAM	EDI																
		ZQ04054628128	128k x 8 SRAM	Hitachi																
		MT5C2568CW-25	32k x 8 SRAM	Micron																
		8832C12C1	32k x 8 SRAM	EDI																
		71256L100DB	32k x 8 SRAM	IDT																
		2N6796	Power MOSFET	Harris																
		2N6796	Power MOSFET	International Rectifier																
		2N6798	Power MOSFET	Harris																
		2N6798	Power MOSFET	International Rectifier																
2, pp. 11-14	S. Leavy	RH32	Microprocessor	Honeywell																
		RH32	Floating Point Unit	Honeywell																
		RH32	Cache Memory	Honeywell																
3, pp. 15-38	J. Coss	IRHM7504	Power MOSFET	International Rectifier																
		IRFM054	Power MOSFET	International Rectifier																
		2N6660	Power MOSFET	Siliconix																
		VN88AF	Power MOSFET	Siliconix																
		IRF150	Power MOSFET	General Electric																
		FRK150	Power MOSFET	Harris Semiconductor																
		FRK150R	Power MOSFET	Harris Semiconductor																
		FRK160	Power MOSFET	Harris Semiconductor																
		FRK160D	Power MOSFET	Harris Semiconductor																
		FRL130D1	Power MOSFET	Harris Semiconductor																
		FRM140	Power MOSFET	Harris Semiconductor																
		FRM140D1	Power MOSFET	Harris Semiconductor																
		IRF150	Power MOSFET	International Rectifier																
		2N6756	Power MOSFET	Harris Semiconductor																
		FRM130	Power MOSFET	Harris Semiconductor																
		FRM140	Power MOSFET	Harris Semiconductor																
		IRF130	Power MOSFET	Harris Semiconductor																
		2N7664	Power MOSFET	Harris Semiconductor																
		FSL130	Power MOSFET	Harris Semiconductor																
		IRF140	Power MOSFET	International Rectifier																
		FSL110	Power MOSFET	Harris Semiconductor																
		FSL150R	Power MOSFET	Harris Semiconductor																
		2N6782	Power MOSFET	Harris Semiconductor																
		2N7261SH	Power MOSFET	International Rectifier																
		IRF110	Power MOSFET	International Rectifier																
		IRF120	Power MOSFET	International Rectifier																
		IRF130	Power MOSFET	International Rectifier																
		IRF140	Power MOSFET	International Rectifier																
		IRF150	Power MOSFET	International Rectifier																
		IRFF130	Power MOSFET	International Rectifier																
		IRH130	Power MOSFET	International Rectifier																
		IRH7150	Power MOSFET	International Rectifier																
		IRHF130	Power MOSFET	International Rectifier																
		IRFG6110	Power MOSFET	International Rectifier																
		IRHF7110	Power MOSFET	International Rectifier																
		IRHF7130	Power MOSFET	International Rectifier																
		IRHM7130	Power MOSFET	International Rectifier																
		IRHF130	Power MOSFET	International Rectifier																
		IRFF110	Power MOSFET	International Rectifier																
		2N6782	Power MOSFET	International Rectifier																
		IRH150	Power MOSFET	International Rectifier																
		IRFF120	Power MOSFET	International Rectifier																
		IRH150	Power MOSFET	International Rectifier																
		ECG2392	Power MOSFET	Phillips																
		RFM12N18	Power MOSFET	Radio Corporation of America																
		20M45BNFR	Power MOSFET	Advanced Power Technology																
		IRF250	Power MOSFET	General Electric																
		FRK250	Power MOSFET	Harris Semiconductor																
		FRL230D1	Power MOSFET	Harris Semiconductor																
		FRM230	Power MOSFET	Harris Semiconductor																
		FRM230R	Power MOSFET	Harris Semiconductor																
		FRM240	Power MOSFET	Harris Semiconductor																
		FRL240D1	Power MOSFET	Harris Semiconductor																
		2N6758	Power MOSFET	Harris Semiconductor																
		FRL230R	Power MOSFET	Harris Semiconductor																
		FSL230	Power MOSFET	Harris Semiconductor																
		2N6798	Power MOSFET	International Rectifier																
		2N7262SG	Power MOSFET	International Rectifier																
		2N72629G	Power MOSFET	International Rectifier																
		IRF210	Power MOSFET	International Rectifier																
		IRF230	Power MOSFET	International Rectifier																
		IRF240	Power MOSFET	International Rectifier																
		IRF250	Power MOSFET	International Rectifier																
		IRFF230	Power MOSFET	International Rectifier																
		IRH7230	Power MOSFET	International Rectifier																
		IRH7250	Power MOSFET	International Rectifier																
		IRHM8250	Power MOSFET	International Rectifier																
		2N6790	Power MOSFET	International Rectifier																
		IR7250	Power MOSFET	International Rectifier																
		IRHF7230	Power MOSFET	International Rectifier																
		IRF220	Power MOSFET	International Rectifier																
		IRFF220	Power MOSFET	International Rectifier																
		IRFF230	Power MOSFET	International Rectifier																
		IRFM250	Power MOSFET	International Rectifier																
		IRHM7250	Power MOSFET	International Rectifier																
		IR7250	Power MOSFET	International Rectifier																
		IXFH50N20	Power MOSFET	Ixys Corporation																
		25N20	Power MOSFET	Radio Corporation of America																
		IRF230	Power MOSFET	Radio Corporation of America																
		IRF250	Power MOSFET	Radio Corporation of America																
		IRFF230	Power MOSFET	Radio Corporation of America																
		2N6790	Power MOSFET	Siliconix																
		2N6851	Power MOSFET	Siliconix																
		IRF250	Power MOSFET	Siliconix																
		IRFF230	Power MOSFET	Siliconix																
		FRL234	Power MOSFET	Harris Semiconductor																
		FRL234R	Power MOSFET	Harris Semiconductor																
		FRL254R	Power MOSFET	Harris Semiconductor																
		TA17463RH	Power MOSFET	Harris Semiconductor																

		22V10RP	PLD	Space Electronics Inc.	√															
		22V10FRP	PLD	Space Electronics Inc.	√															
		10050LPRP	FPGA	Space Electronics Inc.	√															
		7684	8 bit ADC	Exar	√															
27, pp. 177-180	M. Ohlsson	XC4010E	FPGA	Xilinx	√															
		XC4010XL	FPGA	Xilinx	√															

Once the paper(s) with the response data required has been located it is the radiation effects engineer's responsibility to perform a detailed review to establish applicability.