



**MOSFETS**  
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	Breakdown Potential (V)	RDSON (mOhms)	Drain Current (A)	Gate Charge (nC)	Total Dose krad(Si)	SEE *	Die Size	Package	Screening
RAD7110-NCx	100	220	3.5	15	100	Au, Xe	1	Bare Die	Prototype, EM, Space
RAD7110-NFx	100	250	3.5	15	100	Au, Xe	1	TO-39	Prototype, EM, Space
RAD7130-NCx	100	TBD	TBD	50	100	Au, Xe	3	Bare Die	Prototype, EM, Space
RAD7130-NNJx	100	TBD	TBD	50	100	Au, Xe	3	SMD 0.5	Prototype, EM, Space
RAD7130-Nyx	100	TBD	TBD	50	100	Au, Xe	3	TO-257AA	Prototype, EM, Space
RAD7160-NCx	100	10	60	150	100	Au, Xe	6	Bare Die	Prototype, EM, Space
RAD7160-NNAx	100	13	45	150	100	Au, Xe	6	SMD 2	Prototype, EM, Space
RAD7160-NMx	100	18	35	150	100	Au, Xe	6	TO-254AA	Prototype, EM, Space
RAD7114-NCx	150	600	2.2	15	100	Au, Xe	1	Bare Die	Prototype, EM, Space
RAD7114-NFx	150	630	2.2	15	100	Au, Xe	1	TO-39	Prototype, EM, Space
RAD7134-NCx	150	TBD	TBD	50	100	Au, Xe	3	Bare Die	Prototype, EM, Space
RAD7134-NNJx	150	TBD	TBD	50	100	Au, Xe	3	SMD 0.5	Prototype, EM, Space
RAD7134-Nyx	150	TBD	TBD	50	100	Au, Xe	3	TO-257AA	Prototype, EM, Space
RAD7164-NCx	150	24	35	150	100	Au, Xe	6	Bare Die	Prototype, EM, Space
RAD7164-NNAx	150	27	35	150	100	Au, Xe	6	SMD 2	Prototype, EM, Space
RAD7164-NMx	150	32	35	150	100	Au, Xe	6	TO-254AA	Prototype, EM, Space
RAD7210-NCx	200	700	2.0	15	100	Au, Xe	1	Bare Die	Prototype, EM, Space
RAD7210-NFx	200	730	2.0	15	100	Au, Xe	1	TO-39	Prototype, EM, Space
RAD7230-NCx	200	TBD	TBD	50	100	Au, Xe	3	Bare Die	Prototype, EM, Space
RAD7230-NNJx	200	TBD	TBD	50	100	Au, Xe	3	SMD 0.5	Prototype, EM, Space
RAD7230-Nyx	200	TBD	TBD	50	100	Au, Xe	3	TO-257AA	Prototype, EM, Space
RAD7260-NCx	200	34	30	150	100	Au, Xe	6	Bare Die	Prototype, EM, Space
RAD7260-NNAx	200	37	30	150	100	Au, Xe	6	SMD 2	Prototype, EM, Space
RAD7260-NMx	200	42	30	150	100	Au, Xe	6	TO-254AA	Prototype, EM, Space
RAD7214-NCx	250	1200	1.5	15	100	Au, Xe	1	Bare Die	Prototype, EM, Space
RAD7214-NFx	250	1200	1.5	15	100	Au, Xe	1	TO-39	Prototype, EM, Space
RAD7234-NCx	250	200	9.0	50	100	Au, Xe	3	Bare Die	Prototype, EM, Space
RAD7234-NNJx	250	200	9.0	50	100	Au, Xe	3	SMD 0.5	Prototype, EM, Space
RAD7234-Nyx	250	1200	1.2	15	100	Au, Xe	3	TO-257AA	Prototype, EM, Space
RAD7214-NQx	250	1200	1.2	15	100	Au, Xe	Quad	LCC-28	Prototype, EM, Space
RAD7214-NGx	250	1200	1.2	15	100	Au, Xe	Quad	DIP-14	Prototype, EM, Space
RAD7264-NCx	250	51	28	150	100	Au, Xe	6	Bare Die	Prototype, EM, Space
RAD7264-NNAx	250	54	28	150	100	Au, Xe	6	SMD 2	Prototype, EM, Space
RAD7264-NMx	250	59	28	150	100	Au, Xe	6	TO-254AA	Prototype, EM, Space

\* SEE (Single Event Effects)

Units exhibit immunity to SEGR and SEB at listed ion when tested at full rated drain potential and in the off-state. The following ion characteristics were used: Xe, 10MeV/n Berkeley beam. Initial LET of approximately 60MeV-cm<sup>2</sup>/mg. Au, 1.7MeV/n Brookhaven beam. Initial LET of approximately 84MeV-cm<sup>2</sup>/mg. See SEB/SEGR reports for full details.

x = P for prototypes, E for engineering samples, S for Class S.

**Aeroflex RAD MOSFET Numbering**

RAD	7	1	1	0	-	N	M	P	X
	TID Level	Breakdown	Die Size	Breakdown Adder		Channel Type	Package	Screening	Technology
	7-100 krad(Si)	1 - 100V 2 - 200V	1 - Size 1 3 - Size 3 6 - Size 6	0 - None 3 - 30V 4 - 50V		N - N Type P - P Type M - Mixed	C - Bare Die F - TO39 NJ - SMD 0.5 M - TO-254AA Q - LCC 28 Pin G - DIP 14 Pin NA - SMD 2 Y - TO-257AA	P - Proto E - EM S - Space	Reserved