

ESTIMATED FAILURE RATES FOR CLASS T PRODUCTS

Rad Hard Technology	Technology Description	Years in Production	Part Family	Estimated Fit Rates @55C 60%CI ¹
MGR_CMOS	7 um CMOS Metal Gate	> 25 Years	CD4XXXXB	0.5
MGCMOS-RH	10 um CMOS DI	> 20 Years	HS-3XX,HS-508A	3
HFSTDB HFHIB	4 um BiPolar	> 15 Years	HS-5104A,HS565A	6
SSAJI4RH	3 um CMOS	> 13 Years	HS-6617 16k PROM	5
SOS_LT	3 um CMOS-SOS	> 12 Years	HCS/HCTS	2
AVLSIR AVLSIRF	1.25 um CMOS 1.25 um CMOS	> 5 Years > 5 Years	26CX31,26CX32 HS-6664 64K PROM	30
SOS5 TSOS4	1.25 um CMOS 1.25 um CMOS	2 Years 4 Years	ACS/ACTS ACS/ACTS	30
RH-SIGATE	4 um Si Gate DI CMOS	2 Years	HS-1840, HS-139R	14

¹ FIT rates are estimated from calendar year 1997 CLASS V actuals by multiplying by 2