Neutron-Induced SEE

Test Org.*	Device	Function	Technology	Mfr.	Proton Energy (MeV)	Device Xsection (cm^2)	Bits Tested	Bit Xsection (cm^2)	Test Date	LU_{th} (MeV)	LU Xsection (cm^2/bit)	Fac.	Remarks 23-Aug-99
	Note: Entries in **RED** indicate data added since the 1997 Compendium.												
		Optoelectronics											
GSFC	**4N48**	**Optocoupler**		**MPC**	**reactor neutrons**				**1997**			**SPR**	**O'Bryan, et al, 98IEEE Wrkshp Rec., pg 39. CTR degration only at lowest drive currents.**
GSFC	**HCPL5631 (6N134)**	**Hi-gain Amp.**	**700µm (GaAsP) sandwich**	**HPA**	**reactor neutrons**				**1997**			**SPR**	**O'Bryan, et al, 98IEEE Wrkshp Rec., pg 39. CTR degration.**
GSFC	**OD880WJ**	**LED**		**OPT**	**reactor neutrons**				**1997**			**SPR**	**O'Bryan, et al, 98IEEE Wrkshp Rec., pg 39. CTR degration.**
GSFC	**P2824**			**HAM**	**reactor neutrons**				**1997**			**SPR**	**O'Bryan, et al, 98IEEE Wrkshp Rec., pg 39. CTR degradation.**
GSFC	**SDL5601V1**	**LED**		**LED**	**reactor neutrons**				**1997**			**SPR**	**O'Bryan, et al, 98IEEE Wrkshp Rec., pg 39. No CTR degration at 8E10 n/cm2.**
Legend:													
	Manufacturers: HAM - Hamamatsu; HPA - Hewlett-Packard; LED - Lockheed Corp; MPC - Micropac Industries; OPT - Optek;												
	Test Organizations				**Radiation Facilities**								
	GSFC - Goddard Space Flight Center, Greenbelt, MD				SPR - Sandia Pulse Reactor, Albuqueque, NM								