

NPN & PNP HIGH VOLTAGE SILICON HIGH POWER TRANSISTORS

SEMICONDUCTOR TECHNOLOGY DSE D 8136458 0000227 0

STI Type	Industry Type	Dissipation @ 25°C (watts)	V _{CEV} (volts)	V _{CEO} (volts)	I _{CEV}		I _{FE} @ I _C		V _{CE} (SAT.) V _{BE} (SAT.) @ I _C			C _{OB} pF	f _T (MHz)	CASE STYLE
					(volts)	mA	(Min.)	A	(volts)	(volts)	A			
STI-812	DTS-812	100	1200	900***	1200	.50	5.0	3.5	1.2	2.0	3.5	200	20	TO-3
STI-814	DTS-814	100	1400	900	1400	.50	5.0	3.5	1.2	2.0	3.5	200	20	TO-3
STI-1010*	DTS-1010	100	120	120	120	.10	500	3.0	1.8	2.0	5.0	—	2.0	TO-3
STI-1020*	DTS-1020	100	120	120	120	.10	250	3.0	1.5	2.0	5.0	—	2.0	TO-3
STI-3003D*	STI-3003D	100	300	300	250	.20	400	3.0	1.2	2.5	5.0	—	3.0	TO-3
STI-4003D*	STI-4003D	100	400	400	350	.20	400	3.0	1.2	2.5	5.0	—	2.5	TO-3
STI-4010*	DTS-4010	100	250	250***	250	.25	150	1.0	1.8	2.0	5.0	—	—	TO-3
STI-4025*	DTS-4025	100	400	400***	400	.25	150	5.0	1.8	2.0	5.0	—	—	TO-3
STI-4026*	DTS-4026	100	600	600***	600	.25	150	5.0	1.8	2.0	5.0	—	—	TO-3
STI-4039*	DTS-4039	100	400	400***	400	.25	200	3.0	5.0	2.8	15	—	—	TO-3
STI-4040*	DTS-4040	100	400	400	400	.25	250	3.0	1.8	2.2	5.0	—	2.0	TO-3
STI-4041*	DTS-4041	100	400	400***	400	.25	250	3.0	2.2	2.8	15	—	—	TO-3
STI-4045*	DTS-4045	100	400	400	400	.25	500	3.0	1.7	2.8	10	—	2.0	TO-3
STI-4046*	DTS-4046	75	600	600	600	.25	400	3.0	1.6	2.2	5.0	—	2.0	TO-3
STI-4055*	IR-4055	125	500	500	400	.25	200	5.0	2.0	2.8	15	—	8.0	TO-3
STI-4059*	DTS-4059	100	600	600	600	.25	200	3.0	5.0	2.8	15	—	—	TO-3
STI-4060*	DTS-4060	125	600	500	600	.25	8.0	15	2.0	2.5	15	—	—	TO-3
STI-4061*	DTS-4061	100	600	600	600	.25	250	3.0	2.2	2.8	15	—	—	TO-3
STI-4062*	DTS-4062	100	600	600	600	.25	75	10	1.5	2.3	10	200	—	TO-3
STI-4065*	DTS-4065	100	600	600	600	.25	500	3.0	1.5	1.8	3.0	—	—	TO-3
STI-4066*	DTS-4066	100	600	600	600	.25	75	10	2.0	2.3	10	200	—	TO-3
STI-4067*	DTS-4067	100	600	600	600	.25	150	10	1.5	2.3	10	200	—	TO-3
STI-4072*	DTS-4072	100	600	600	600	.25	75	10	1.5	2.3	10	200	—	TO-3
STI-4074*	DTS-4074	100	600	600	600	.25	5.0	25	2.0	2.3	10	200	—	TO-3
STI-4075*	DTS-4075	100	600	600	600	.25	10	25	1.5	2.3	10	200	—	TO-3
STI-5003D*	STI-5003D	100	500	500	450	.20	400	3.0	1.2	2.5	5.0	—	2.5	TO-3
STI-6003D*	STI-6003D	100	600	600	550	.20	400	3.0	1.2	2.5	5.0	—	2.5	TO-3
STI-7003D*	STI-7003D	100	700	700	650	.20	400	3.0	1.4	2.6	5.0	—	2.0	TO-3
STI-8003D*	STI-8003D	100	800	800	750	.25	400	3.0	1.4	2.6	5.0	—	2.0	TO-3
SVT200-5	SVT200-5	150	250	200	250	.25	15	5.0	1.0	1.5	5.0	500	—	TO-3
SVT200-10	SVT200-10	150	250	200	250	.25	15	10	1.0	1.5	10	500	—	TO-3
SVT200-20	SVT200-20	150	250	200	250	.25	15	20	1.0	1.5	20	500	—	TO-3
SVT250-5	SVT250-5	150	300	250	300	.25	15	5.0	1.0	1.5	5.0	500	—	TO-3
SVT250-10	SVT250-10	150	300	250	300	.25	15	10	1.0	1.5	10	500	—	TO-3
SVT250-20	SVT250-20	150	300	250	300	.25	15	20	1.0	1.5	20	500	—	TO-3
SVT300-3	SVT300-3	150	350	300	350	.25	15	3.0	1.0	1.5	3.0	500	—	TO-3
SVT300-5	SVT300-5	150	350	300	350	.25	15	5.0	1.0	1.5	5.0	500	—	TO-3
SVT300-10	SVT300-10	150	350	300	350	.25	15	10	1.0	1.5	10	500	—	TO-3
SVT300-20	SVT300-20	150	350	300	350	.25	15	20	1.0	1.5	20	500	—	TO-3
SVT350-3	SVT350-3	150	400	350	400	.25	15	3.0	1.2	1.5	3.0	500	—	TO-3
SVT350-5	SVT350-5	150	400	350	400	.25	15	5.0	1.2	1.5	5.0	500	—	TO-3
SVT400-3	SVT400-3	150	450	400	450	.25	15	3.0	1.2	1.5	3.0	500	—	TO-3
SVT400-5	SVT400-5	150	450	400	450	.25	15	5.0	1.2	1.5	5.0	500	—	TO-3
SVT450-3	SVT450-3	150	500	450	500	.25	15	3.0	1.2	1.5	3.0	500	—	TO-3
SVT450-5	SVT450-5	150	500	450	500	.25	15	5.0	1.2	1.5	5.0	500	—	TO-3
SVT6000**	SVT6000	135	400	400	400	.50	60	10	1.6	2.5	10	350	—	TO-3
SVT6001**	SVT6001	135	450	450	450	.50	60	10	1.6	2.5	10	350	—	TO-3
SVT6002**	SVT6002	135	500	500	500	.50	60	10	1.6	2.5	10	350	—	TO-3
SVT6060**	SVT6060	135	400	400	400	.50	100	10	3.0	3.0	20	350	—	TO-3
SVT6061**	SVT6061	135	450	450	450	.50	100	10	3.0	3.0	20	350	—	TO-3
SVT6062**	SVT6062	135	500	500	500	.50	100	10	3.0	3.0	20	350	—	TO-3
SVT6251**	SVT6251	135	400	400	400	.50	100	5.0	2.5	2.5	5.0	350	—	TO-3
SVT6252**	SVT6252	135	450	450	450	.50	100	5.0	2.5	2.5	5.0	350	—	TO-3
SVT6253**	SVT6253	135	500	500	500	.50	100	5.0	2.5	2.5	5.0	350	—	TO-3
SVT7573	SVT7573	150	550	500	500	.25	10	15	2.0	2.2	15	500	—	TO-3
SVT7600	SVT7600	150	300	200	300	.50	5.0	30	.80	1.2	10	—	50	TO-3
SVT7601	SVT7601	150	350	250	350	.50	5.0	30	.80	1.2	10	—	50	TO-3
SVT7602	SVT7602	150	400	300	400	.50	5.0	30	.80	1.2	10	—	50	TO-3
TIPL751	TIPL751	120	800	375	800	.05	20	.50	2.5	1.4	4.0	110	12	TO-3
TIPL751A	TIPL751A	120	1000	420	1000	.05	20	.50	2.5	1.4	4.0	110	12	TO-3

*DARLINGTON TRANSISTOR

*PNP

**V_{CEO}

*SPEED UP DIODE

***V_{CER}

*PINS .058" ± .002"