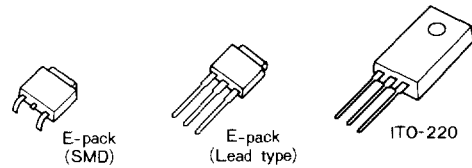


Low Saturation Voltage Switching Transistors

LSV series

Bipolar transistors



Type No.	Absolute Maximum Ratings									Electrical Characteristics								Outline	
	V _{CB0} [V]	V _{CE0} [V]	V _{EB0} [V]	I _c [A]	I _b [A]	P _T [W]	T _{stg} [°C]	T _j [°C]	V _{CE0} (sus) (min) [V]	h _{FE} (min)	V _{CE} (sat) (max) [V]	V _{BE} (sat) (max) [V]	θ _{jc} (max) [°C/W]	f _T (typ) [MHz]	t _{on} (max) [μs]	t _s (max) [μs]	t _f (max) [μs]	Package	Fig.
2SA1795	-60	-40	-7	-5	-1.5	10	-55	150	-40	70	-0.3	-1.0	12.5	50	0.3	1.5	0.5	E-pack	78-3 (SMD) (77-3)
1796				-7	-1.5	10							12.5						
1679				-5	-1.5	25							5						
1598				-7	-1.5	25							5						
1599				-10	-1.5	25							5						
1600				-12	-2	30							4.16						
1601				-15	-2	45							2.77						
2SC4668	60	40	7	7	1.5	10	-55	150	40	70	0.3	1.2	12.5	50	0.3	1.5	0.5	E-pack	78-3 (SMD) (77-3)
4669				10	1.5	10							12.5						
4148				7	1.5	25							5						
4149				10	1.5	25							5						
4150				12	2	25							5						
4151				15	2	30							4.16						
4876				30	4	45							2.78						

HSV series

Bipolar transistors

Type No.	Absolute Maximum Ratings									Electrical Characteristics								Outline	
	V _{CB0} [V]	V _{CE0} [V]	V _{EB0} [V]	I _c [A]	I _b [A]	P _T [W]	T _{stg} [°C]	T _j [°C]	V _{CE0} (sus) (min) [V]	h _{FE} (min)	V _{CE} (sat) (max) [V]	V _{BE} (sat) (max) [V]	θ _{jc} (max) [°C/W]	f _T (typ) [MHz]	t _{on} (max) [μs]	t _s (max) [μs]	t _f (max) [μs]	Package	Fig.
2SA1876	-80	-80	-7	-3	-1	10	-55	150	-80	70	-0.3	-1.2	12.5	50	0.3	1.5	0.2	E-pack	78-3 (SMD) (77-3)
1877				-5	-1.5	10							12.5						
1878				-5	-1.5	25							5						
1879				-7	-1.5	25							5						
1880				-10	-1.5	25							5						
2SC4978	100	80	7	3	1	10	-55	150	80	70	0.3	1.2	12.5	50	0.3	1.5	0.2	E-pack	78-3 (SMD) (77-3)
4979				5	1.5	10							12.5						
4980				5	1.5	25							5						
4981				7	1.5	25							5						
4982				7	1.5	25							5						