

2 Super high speed switching transistors

- Suitable for 100kHz class switching regulators

Device type	V _{CE0}	V _{CEO}	V _{CEO} (sus)	I _C cont.	P _C	h _{FE} min.	V _{CE}			Switching time (Max.)			Package	Net mass Grams
	Volts	Volts	Volts	Amps	Watts		I _C Amps	V _{CE} Volts		t _{on} μsec	t _{sig} μsec	t _r μsec		
2SC3317	500	400	400	5	40	10	2	5		0.5	1.5	0.15	TO-220AB	2
2SC3865	500	400	400	5	40	10	2	5		0.5	1.5	0.15	TO-220F17	2.5
2SC3318	500	400	400	10	80	10	5	5		0.5	1.5	0.15	TO-3P	6
2SC3320	500	400	400	15	80	10	6	5		0.5	1.5	0.15	TO-3P	6
2SC4750	500	400	400	15	80	10	6	5		0.5	1.5	0.15	TO-3P	6
2SC4831	500	400	400	15	80	10	6	5		0.5	1.5	0.15	TO-3PF	6
ET400	500	400	400	10	80	10	5	5		0.5	1.5	0.15	TO-3PF	6
ET401	500	400	400	15	80	10	6	5		0.5	1.5	0.15	TO-3PF	6

3 High speed switching transistors for ringing choke converter

- The DC current gain is high. (min. 25)
- High speed switching performance

Device type	V _{CE0}	V _{CEO}	V _{CEO} (sus)	I _C cont.	P _C	h _{FE} min.	V _{CE}			Switching time (Max.)			Package	Net mass Grams
	Volts	Volts	Volts	Amps	Watts		I _C Amps	V _{CE} Volts		t _{on} μsec	t _{sig} μsec	t _r μsec		
2SC4273	500	400	400	5	40	25	0.5	5		1.0	2.5	0.5	TO-220AB	2
2SC4507	500	400	400	5	40	25	0.5	5		1.0	2.5	0.5	TO-220F17	2.5
2SC4274	500	400	400	10	40	25	1	5		1.0	2.5	0.5	TO-220AB	2
2SC4508	500	400	400	10	40	25	1	5		1.0	2.5	0.5	TO-220F17	2.5
2SC4275	500	400	400	10	80	25	1	5		1.0	2.5	0.5	TO-3P	6
2SC4509	500	400	400	10	80	25	1	5		1.0	2.5	0.5	TO-3PF	6
2SC4276	500	400	400	15	80	25	2	5		1.0	2.5	0.5	TO-3P	6
2SC4510	500	400	400	15	80	25	2	5		1.0	2.5	0.5	TO-3PF	6

4 Large SOA switching transistors

- An especially wide SOA with high-speed switching
- Excellent surge resistant characteristics
- Suitable for switching regulators, series regulators, electronic ignitors and similar devices

Device type	V _{CE0}	V _{CEO}	V _{CEO} (sus)	I _C cont.	P _C	h _{FE} min.	V _{CE}			Switching time (Max.)			Package	Net mass Grams
	Volts	Volts	Volts	Amps	Watts		I _C Amps	V _{CE} Volts		t _{on} μsec	t _{sig} μsec	t _r μsec		
2SC2656	450	400	400	7	80	10	3	4		1.5	3.0	1.5	TO-3P	6