

12 Building block transistors

- Suitable for motor control applications.
- High voltage, large current capacity
- V_{CEO} : 300–1000 V, I_c : 100–500 A
- Easily connected in parallel and control currents up to 1200 A.

Device type	V_{CBO} volts	V_{CEO} volts	V_{CEO} (sus) volts	I_c cont. amps.	P_c watts	h_{FE} min.	I_c amps.	V_{CE} volts	Switching time (Max.)	Package	Net weight grams	Equivalent circuit (Page 40)
									t_{on} μ sec.	t_{stg} μ sec.	t_f μ sec.	
ET188	400	400	300	100	600	200	100	5	2	12	3	BBTII
ET127	600	600	450	100	960	100	100	5	4	10	3	BBT
2SC2770	600	600	450	100	960	8	60	5	4	8	3	BBT
ETN01-055	600	600	550	200	1500	8	120	5	2	8	2	BBTIII
ETN31-055	600	600	550	200	1500	70	200	5	2	12	3	BBTIII
ETM36-030	400	400	320	200	1000	150	200	5	2.0	10.0	1.2	BBTIII
ETN36-030	400	400	320	300	1500	150	300	5	2.0	10.0	1.2	BBTIII
ET1257	1000	1000	1000*	200	1500	4	120	5	—	—	—	BBTIII
1D200A-020	300	300	200	200	800	100	200	5	2	12	3	BBTII
1D500A-030	400	400	300	500	2500	500	500	2	2	12	4	BBTIV

* : V_{CEX} (sus)