

POWER TRANSISTORS

Hometaxial for linear and switching applications

TYPE	POLARITY	V _{CBO} (V)	V _{CEO} (V)	I _C (A)	h _{FE} min/max	I _C (A) @	V _{CEsat} max (V)	I _C (A) @	P _D (W) @ T _C =25°C	PACKAGE
* BD 142	NPN	50	45	15	12/60	4	1.1	4	117	TO-3
* 2N 3055/BDX 10	NPN	100	60	15	20/70	4	1	4	117	TO-3
2N 3055C	NPN	80	60	15	12/-	4	1.1	4	117	TO-3
BDX 13/40251	NPN	50	40	15	15/60	8	1.5	8	117	TO-3
* BDX 71/2N 6099	NPN	70	60	10	20/80	4	2.5	10	75	TO-220
BDX 73/2N 6101	NPN	80	70	10	20/80	5	2.5	10	75	TO-220
BDX 75/2N 6103	NPN	45	40	16	15/60	8	2.5	16	75	TO-220

* Also available in epitaxial-base version

Multi-epitaxial planar for high current switching applica.

TYPE	POLARITY	V _{CBO} (V)	V _{CEO} (V)	I _C (A)	V _{CEsat} max (V)	I _C (A) @	t _{off} (μs)	I _C /I _B (A)	P _D (W) @ T _C =25°C	PACKAGE
2N 5038 •	NPN	150	90	20	1	12	0.5	12/1.2	140	TO-3(1)
2N 5039 •	NPN	120	75	20	1	10	0.5	10/1	140	TO-3(1)
2N 5671 •	NPN	120	90	30	0.75	15	0.5	15/1.2	140	TO-3(1)
2N 5672 •	NPN	150	120	30	0.75	15	0.5	15/1.2	140	TO-3(1)
2N 6032 •	NPN	120	90	50	1.3	50	0.5	50/5	140	TO-3(1)
2N 6033 •	NPN	150	120	40	1	40	0.5	40/4	140	TO-3(1)
2N 6354 •	NPN	150	120	10	1	10	0.2	10/1	140	TO-3(1)

• Coming soon