

# NEW ENGLAND SEMICONDUCTOR

## BIPOLAR NPN TRANSISTOR TO-66

PACKAGE	DEVICE TYPE	V <sub>CEO</sub> (sus) VOLTS	I <sub>C</sub> (max) AMPS	h <sub>FE</sub> @ I <sub>C</sub> / V <sub>CE</sub> (min/max @ A/V)	V <sub>CE(sat)</sub> @ I <sub>C</sub> /I <sub>B</sub> (V @ A/A)	P <sub>D</sub> * WATTS	f <sub>T</sub> (MHz)
NPN TO-66  	2N3054A	55	4	25-100@.5/4	1@.5/.05	75	3
	2N3583	250 <sup>h</sup>	1	40-200@.5/10	5@1/.125	35	10
	2N3584 <sup>^</sup>	300 <sup>h</sup>	5	25-100@1/10	.75@1/.125	35	10
	2N3585 <sup>^</sup>	400 <sup>h</sup>	5	25-100@1/10	.75@1/.125	35	10
	2N3738	225	.25	40-200@.1/10	2.5@.25/.025	20	10
	2N3739 <sup>^</sup>	300	.25	40-200@.1/10	2.5@.25/.025	20	10
	2N3766 <sup>^</sup>	60	1	40-160@.5/5	1@.5/.05	20	10
	2N3767 <sup>^</sup>	80	1	40-160@.5/5	12.5/.05	20	10
	2N3878	50	4	40-200@.5/2	2@4/.4	35	40
	2N3879 <sup>^</sup>	75	7	12-100@4/2	1.2@4/.4	35	40
	2N4911	60	1	20-100@.5/1	.6@1/1	25	3
	2N4912	80	1	20-100@.5/1	.6@1/1	25	3
	2N5660 <sup>^</sup>	200	1	40-120@.5/5	.4@1/1	2.0	20
	2N5661 <sup>^</sup>	300	1	25-75@.5/5	.4@1/1	2.0	20
	2N5664 <sup>^</sup>	200	3	40-120@1/5	.4@3/3	2.5	20
	2N5665 <sup>^</sup>	300	3	25-75@1/5	.4@3/6	2.5	20
	2N6315	60	7	20-100@2.5/4	1@4/.4	90	4
	2N6316	80	7	20-100@2.5/4	1@4/.4	90	4
	2N6372	40	6	20-100@3/4	1@3/3	40	4
	2N6373	60	6	20-100@2.5/4	1@2.5/.25	40	4
2N6374	80	6	20-100@2/4	1@2/.2	40	4	

\* T<sub>C</sub> = 25°C  
<sup>h</sup> V<sub>CER</sub>

<sup>^</sup>Available in JAN, JANTX, JANTXV