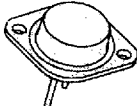


# NEW ENGLAND SEMICONDUCTOR

## BIPOLAR NPN TRANSISTOR TO-3

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	40	6	15-45@1.5/4	3@1.5/3	75	1.0	
	TO-3	55	6	15-45@1.5/4	3@1.5/3	75	1.0	
		2N1488	55	6	15-45@1.5/4	3@1.5/3	75	1.0
		2N1489	40	6	25-75@1.5/4	1@1.5/1	75	1.0
		2N1490	55	6	25-75@1.5/4	1@1.5/1	75	1.0
		2N3055 <sup>^</sup>	60	15	20-70@4/4	1.1@4/4	115	2.5
		2N3713	60	10	25-90@1/2	1@5/5	150	2.5
		2N3714	80	10	25-90@1/2	1@5/5	150	2.5
		2N3715 <sup>^</sup>	60	10	50-150@1/2	.8@5/5	150	2.5
		2N3716 <sup>^</sup>	80	10	50-150@1/2	.8@5/5	150	2.5
		2N3771	40	30	15-60@15/4	2@15/1.5	150	0.2
		2N3772	60	20	15-60@10/4	1.4@10/1	150	0.2
		2N3773	140	16	15-60@8/4	1.4@8/8	150	0.2
		2N4070	100	10	40-120@5/5	.6@5/5	115	20
		2N4071	150	10	40-120@5/5	.6@5/5	115	20
		2N5038 <sup>^</sup>	90	20	20-100@12/5	1@12/1.2	140	60 <sup>t</sup>
		2N5039 <sup>^</sup>	75	20	20-100@10/5	1@10/1	140	60 <sup>t</sup>
		2N5671 <sup>^</sup>	90	30	20-100@15/2	.75@15/1.2	140	50
		2N5672 <sup>^</sup>	120	30	20-100@15/2	.75@15/1.2	140	50
		2N5685 <sup>^</sup>	60	50	15-60@25/2	1@25/2.5	300	2
	2N5686 <sup>^</sup>	80	50	15-60@25/2	1@25/2.5	300	2	
	2N5929	80	30	20-100@10/4	2@10/.66	175	30	
	2N5930	120	30	20-100@10/4	2@10/.66	175	30	
	2N5931	160	30	20-100@10/4	2@10/.66	175	30	

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

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