

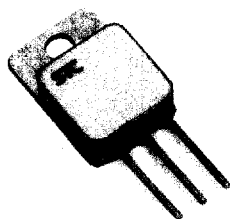
STC

BIPOLAR

NPN POWER TRANSISTORS

PACKAGE

TO-254

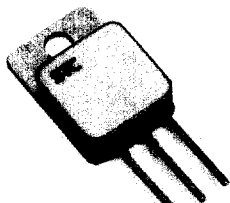


DEVICE TYPE	BV _{CEO} VOLTS	PEAK I _C AMPS	h _{FE} min/max	I _C @ V _{CE} A V	V _{CE} (sat)		I _C @ I _B A A
					max	VOLTS	
STP4070	100	10.0	40-120	5.0/5.0	3.8		5.0/0.5
STP4071	150	10.0	40-120	5.0/5.0	3.8		5.0/0.5
STP5622	60	10.0	70-200	5.0/5.0	1.1		5.0/0.5
STP5624	80	10.0	30-90	5.0/5.0	1.1		5.0/0.5
STP5626	80	10.0	70-200	5.0/5.0	1.1		5.0/0.5
STP5628	100	10.0	30-90	5.0/5.0	1.1		5.0/0.5
STP6274	100	50.0	30-200	20.0/4.0	1.5		20.0/0.2
STP6275	120	50.0	30-200	20.0/4.0	1.5		20.0/0.2
STP6276	140	50.0	30-200	20.0/4.0	1.5		20.0/0.2
STP6277	150	50.0	30-200	20.0/4.0	1.5		20.0/0.2
STP6338	150	25.0	30-120	10.0/2.0	1.2		10.0/1.0
STP6339	120	25.0	30-120	10.0/2.0	1.2		10.0/1.0
STP6340	140	25.0	30-120	10.0/2.0	1.2		10.0/1.0
STP6341	150	25.0	30-120	10.0/2.0	1.2		10.0/1.0

PNP POWER TRANSISTORS

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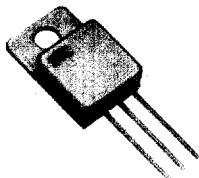


DEVICE TYPE	BV _{CEO} VOLTS	PEAK I _C AMPS	h _{FE} min/max	I _C @ V _{CE} A V	V _{CE} (sat)		I _C @ I _B A A
					max	VOLTS	
STP5741	60	20.0	20-80	10.0/5.0	1.75		10.0/1.0
STP5742	100	20.0	20-80	10.0/5.0	1.75		10.0/1.0
STP6246	60	15.0	20-100	7.0/5.0	2.8		15.0/1.5
STP6247	80	15.0	20-100	6.0/5.0	3.8		15.0/1.5

NPN POWER TRANSISTORS

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DEVICE TYPE	BV _{CEO} VOLTS	PEAK I _C AMPS	h _{FE} min/max	I _C @ V _{CE} A V	V _{CE} (sat)		I _C @ I _B A A
					max	VOLTS	
STP2880	70	5.0	40-120	1.0/2.0	2.4		5.0/0.5
STP3996	80	5.0	40-120	1.0/2.0	0.3		1.0/0.1
STP3997	80	5.0	80-240	1.0/2.0	0.3		1.0/0.1
STP5660	200	5.0	40-120	0.5/5.0	1.0		2.0/0.4
STP5661	300	5.0	25-75	0.5/5.0	1.0		2.0/0.4
STP5664	200	10.0	40-120	1.0/5.0	1.2		5.0/1.0
STP5665	300	10.0	25-75	1.0/5.0	1.2		5.0/1.0
STP5427	80	7.0	30-120	2.0/5.0	0.9		2.0/0.2
STP5428	80	7.0	60-240	2.0/5.0	0.9		2.0/0.2
STP5429	100	7.0	30-120	2.0/5.0	0.9		2.0/0.2
STP5430	100	7.0	60-240	2.0/5.0	0.9		2.0/0.2

Electrical Characteristics at 25°C unless otherwise noted.