



TO 39  
(CB 7)



TO 18  
(CB 6)

Silicon NPN transistors, general purpose  
Transistors NPN silicium, usage général

T<sub>amb</sub> = 25 °C

Type	Case Boîtier	P <sub>tot</sub> (mW)	V <sub>CEO</sub> (V) V <sub>CER</sub> * V <sub>CEX</sub> □	h <sub>21E</sub> h <sub>21E</sub> * min max	I <sub>C</sub> (mA)	V <sub>CEsat</sub> (V) max	I <sub>C</sub> /I <sub>B</sub> (mA)	f <sub>T</sub> (MHz) min	t <sub>s</sub> (ns) t <sub>off</sub> * max	TSi 76 Page	
2N 696	TO 39	600	40*	20	60	150	1,5	150/15	40	61	
2N 697	TO 39	600	40*	40	120	150	1,5	150/15	50	61	
2N 698	TO 39	800	80*	20	60	150	5	150/15	40	67	
2N 699	TO 39	600	80*	40	120	150	5	150/15	50	71	
2N 735	TO 18	500	60	40*	100*	5	1	10/2	60	95	
2N 735 A	TO 18	500	60	40*	100*	5	0,5	10/2	60	95	
2N 736	TO 18	500	60	80*	200*	5	1	10/2	100	95	
2N 736 B	TO 18	500	60	80*	200*	5	0,5	10/2	100	95	
2N 1420	TO 39	600	30*	100	300	150	1,5	150/15	50	135	
*2N 1613	TO 39	800	50*	40	120	150	1,5	150/15	60	137	
*2N 1711	TO 39	800	50*	100	300	150	1,5	150/15	70	137	
2N 1889	TO 39	800	60	40	120	150	5	150/15	50	143	
2N 1890	TO 39	800	60	100	300	150	5	150/15	60	143	
*2N 1893	TO 39	800	80	40	120	150	5	150/15	50	147	
2N 1986	TO 39	600	25	60		150	0,6	30/3	40	151	
2N 1990	TO 39	600	75 <sup>1</sup>	20		30	0,5	2/0,2		155	
2N 2192	TO 39	800	40	100	300	150	0,35	150/15	50	150	157
2N 2192 A	TO 39	800	40	100	300	150	0,25	150/15	50	150	157
2N 2193	TO 39	800	50	40	120	150	0,35	150/15	50	150	157
2N 2193 A	TO 39	800	50	40	120	150	0,25	150/15	50	150	157
2N 2194	TO 39	800	40	20	60	150	0,35	150/15	50		163
2N 2194 A	TO 39	800	40	20	60	150	0,25	150/15	50		163
2N 2195	TO 39	800	25	20		150	0,35	150/15	50		163
2N 2195 A	TO 39	800	25	20		150	0,25	150/15	50		163
*2N 2218	TO 39	800	30	50	120	150	1,6	500/50	250	140* §	171
*2N 2218 A	TO 39	800	40	40	120	150	1	500/50	250	225	171
*2N 2219	TO 39	800	30	100	300	150	1,6	500/50	250	180* §	171
*2N 2219 A	TO 39	800	40	100	300	150	1	500/50	300	225	171
*2N 2221	TO 18	500	30	40	120	150	1,6	500/50	250	140* §	177
*2N 2221 A	TO 18	500	40	40	120	150	1	500/50	250	225	177
*2N 2222	TO 18	500	30	100	300	150	1,6	500/50	250	180* §	177
*2N 2222 A	TO 18	500	40	100	300	150	1	500/50	300	225	177
2N 2243	TO 39	800	80	40	120	150	0,35	150/15	50		183
2N 2243 A	TO 39	800	80	40	120	150	0,25	150/15	50		183
2N 2868	TO 39	800	40	40	120	150	0,25	150/15	50		213
2N 2890	TO 39	5000 <sup>1</sup>	80	30	90	1000	0,75	2000/200	30	1500*	219
2N 2891	TO 39	5000 <sup>1</sup>	80	50	150	1000	0,75	2000/200	30	1500*	219

□ Typical value  
Valeur typique

<sup>1</sup> T<sub>case</sub> 25 °C

\* Preferred device  
Dispositif recommandé