|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| http://malzev.tripod.com/comp/images/to-92l.gif | http://malzev.tripod.com/comp/images/to-202.gif | http://malzev.tripod.com/comp/images/to-202n.gif | http://malzev.tripod.com/comp/images/to-126.gif | http://malzev.tripod.com/comp/images/to-220.gif | http://malzev.tripod.com/comp/images/to-39.gif | http://malzev.tripod.com/comp/images/to-60.gif | http://malzev.tripod.com/comp/images/t-31e.gif |
| 1 2 3A-92L | 1 2 3A-202 | 1 2 3A-202N | 1 2 3A-126 | 1 2 3A-220 | 1 2 3A-39 | 1 2 3A-60 | T-31E |

**NPN Bipolar Transistor De Energía**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Transistor** | **Potencia** | **Ganancia** | **Voltaje** | **Frecuencia** | **Modo** | **Caso** | **Pin 123** |
| [2N3375](http://malzev.tripod.com/comp/2n3375.htm) | 10W | 5dB | 28V | 400MHz | FM / AM / SSB | A-60 |  |
| [2N3553](http://malzev.tripod.com/comp/2n3553.htm) | 2,5 W | 10dB | 28V | 175MHz | FM / AM | A-39 | CBE |
| [2N3632](http://malzev.tripod.com/comp/2n3632.htm) | 20W | 7dB | 28V | 175MHz | FM | A-60 |  |
| [2N3866](http://malzev.tripod.com/comp/2n3866.htm) | 5W | 10dB | 28V | 400MHz | GANAR *-receptor* | A-39 | CBE |
| [2N3924](http://malzev.tripod.com/comp/2n3924.htm) | 4W | 6dB | 13,6 V | 175MHz | GANAR *-receptor* | A-39 |  |
| [2N4427](http://malzev.tripod.com/comp/2n4427.htm) | 2W | 10dB | 12V | 175MHz | GANAR *-receptor* | A-39 |  |
| [2N5108](http://malzev.tripod.com/comp/2n5108.htm) | 1W | 5dB | 24V | 1200MHz | GANAR *-receptor* | A-39 |  |
| [2N5109](http://malzev.tripod.com/comp/2n5109.htm) | 3,5 W | 11dB | 15V | 200MHz | GANAR *-receptor* | A-39 |  |
| [2N5421](http://malzev.tripod.com/comp/2n5421.htm) | 3W | 9dB | 13,5 V | 175MHz | GANAR *-receptor* | A-39 |  |
| [2N5913](http://malzev.tripod.com/comp/2n5913.htm) | 2W | 7dB | 12.5V | 175MHz | GANAR *-receptor* | A-39 |  |
| [2N5943](http://malzev.tripod.com/comp/2n5943.htm) | 1W | 8dB | 15V | 400MHz | FM | A-39 |  |
| [2SC730](http://malzev.tripod.com/comp/2sc730.htm) | 0,8 W | 10dB | 13,5 V | 175MHz | FM | A-39 | CBE |
| 2SC1096 | 10W |  |  | 60MHz | FM | A-220 |  |
| 2SC1173 | 10W |  |  | 100MHz | FM / AM / SSB | A-220 |  |
| [2SC1306](http://malzev.tripod.com/comp/2sc1306.htm) | 16W |  |  | 30MHz | FM / AM / SSB | A-220 | BCE |
| [2SC1307](http://malzev.tripod.com/comp/2sc1307.htm) | 16W | 12dB | 12V | 30MHz | FM / AM / SSB | A-220 | BCE |
| [2SC1590](http://malzev.tripod.com/comp/2sc1590.htm) | 5W | 10dB | 12.5V | 136-174MHz | FM | A-220 | BEC |
| [2SC1591](http://malzev.tripod.com/comp/2sc1591.htm) | 14W | 7,5 dB | 12.5V | 136-174MHz | FM | A-220 | BEC |
| 2SC1678 | 5W |  |  | 30MHz | GANAR *-receptor* | A-220 | BCE |
| 2SC1728 | 8W |  |  | 80MHz | GANAR *-receptor* | A-202 | EBC |
| 2SC1729 | 14W | 10dB | 13,5 V | 175MHz | FM | T-31E |  |
| [2SC1909](http://malzev.tripod.com/comp/2sc1909.htm) | 10W | 14,5 dB | 13,5 V | 50MHz | FM / AM / SSB | A-220 | BCE |
| 2SC1944 | 13W | 11,1 dB | 12V | 30MHz | GANAR *-receptor* | A-220 | BCE |
| [2SC1945](http://malzev.tripod.com/comp/2sc1945.htm) | 16W | 14,5 dB | 12V | 30MHz | FM / AM / SSB | A-220 | BEC opcional- 2 |
| [2SC1946](http://malzev.tripod.com/comp/2sc1946.htm) | 25W | 6,7 dB | 13,5 V | 175MHz | FM | T-31E |  |
| [2SC1946A](http://malzev.tripod.com/comp/2sc1946a.htm) | 30W | 10dB | 13,5 V | 175MHz | FM | T-31E |  |
| [2SC1947](http://malzev.tripod.com/comp/2sc1947.htm) | 3W | 10dB | 13,5 V | 175MHz | FM | A-39 | CBE |
| [2SC1957](http://malzev.tripod.com/comp/2sc1957.htm) | 1,8 W | 17 dB | 12V | 30MHz | GANAR *-receptor* | A-126 | BCE |
| 2SC1966 | 3W | 7,8 dB | 13,5 V | 470MHz | FM | T-31E |  |
| 2SC1967 | 7W | 6,7 dB | 13,5 V | 470MHz | FM | T-31E |  |
| 2SC1968 | 14W | 3,7 dB | 13,5 V | 470MHz | FM | T-31E |  |
| 2SC1968A | 14W | 5,4 dB | 13,5 V | 470MHz | FM | T-31E |  |
| [2SC1969](http://malzev.tripod.com/comp/2sc1969.htm) | 18W | 12dB | 12V | 30MHz | FM / AM / SSB | A-220 | BCE |
| [2SC1970](http://malzev.tripod.com/comp/2sc1970.htm) | 1,5 W | 10dB | 13,5 V | 175MHz | GANAR *-receptor* | A-220 | BEC |
| [2SC1971](http://malzev.tripod.com/comp/2sc1971.htm) | 7W | 10dB | 13,5 V | 175MHz | GANAR *-receptor* | A-220 | BEC |
| [2SC1972](http://malzev.tripod.com/comp/2sc1972.htm) | 14W | 10dB | 13,5 V | 175MHz | GANAR *-receptor* | A-220 | BEC |
| [2SC1973](http://malzev.tripod.com/comp/2sc1973.htm) | 1W |  |  | 50MHz | GANAR *-receptor* | A-92L | BCE |
| [2SC1974](http://malzev.tripod.com/comp/2sc1974.htm) | 13W | 10dB | 13,5 V | 30MHz | GANAR *-receptor* | A-220 | BCE |
| [2SC1975](http://malzev.tripod.com/comp/2sc1975.htm) | 4W | 10dB | 13,5 V | 30MHz | GANAR *-receptor* | A-220 | BCE |
| [2SC2028](http://malzev.tripod.com/comp/2sc2028.htm) | 1,8 W |  |  | 30MHz | GANAR *-receptor* | A-126 | BCE |
| [2SC2029](http://malzev.tripod.com/comp/2sc2029.htm) | 6W |  |  | 30MHz | GANAR *-receptor* | A-220 | BCE |
| [2SC2036A](http://malzev.tripod.com/comp/2sc2036a.htm) | 1,4 W |  |  |  | GANAR *-receptor* | A-202 | BCE |
| [2SC2050](http://malzev.tripod.com/comp/2sc2050.htm) | 10W | 12dB | 13,5 V | 30MHz | FM / AM / SSB | A-220 | BCE |
| [2SC2053](http://malzev.tripod.com/comp/2sc2053.htm) | 0,2 W | 15,7 dB | 12V | 175MHz | FM / AM | A-92L | BCE |
| [2SC2055](http://malzev.tripod.com/comp/2sc2055.htm) | 0,25 W | 15,3 dB | 12V | 175MHz | FM / AM | A-92L | BCE |
| [2SC2056](http://malzev.tripod.com/comp/2sc2056.htm) | 1,5 W | 9dB | 12V | 175MHz | FM | A-39 | CBE |
| [2SC2075](http://malzev.tripod.com/comp/2sc2075.htm) | 4W |  | 13,5 V | 27MHz | GANAR *-receptor* | A-220 | BCE |
| [2SC2078](http://malzev.tripod.com/comp/2sc2078.htm) | 4W | 13dB | 12V | 100MHz | FM / AM | A-220 | BCE |
| [2SC2086](http://malzev.tripod.com/comp/2sc2086.htm) | 0,45 W | 13dB | 12V | 175MHz | FM / AM | A-92L | BCE |
| [2SC2092](http://malzev.tripod.com/comp/2sc2092.htm) | 4W | 13dB | 12V | 100MHz | FM / AM / SSB | A-220 | BCE |
| [2SC2094](http://malzev.tripod.com/comp/2sc2094.htm) | 15W | 8,8 dB | 13,5 V | 175MHz | FM / AM / SSB | T-31E |  |
| [2SC2166](http://malzev.tripod.com/comp/2sc2166.htm) | 6W | 13,8 dB | 12V | 30MHz | FM / AM / SSB | A-220 | BCE lincoln |
| [2SC2207](http://malzev.tripod.com/comp/2sc2207.htm) | 16W |  |  |  | GANAR *-receptor* | A-220 | BCE |
| 2SC2237 | 6W | 13,8 dB | 13,5 V | 175MHz | FM | T-31E |  |
| [2SC2312](http://malzev.tripod.com/comp/2sc2312.htm) | 18,5 W |  |  | 27MHz | FM / AM / SSB | A-220 | BCE |
| [2SC2314](http://malzev.tripod.com/comp/2sc2314.htm) | 1,8 W | 17 dB | 12V | 180MHz | FM / AM | A-126 | BCE |
| [2SC2509](http://malzev.tripod.com/comp/2sc2509.htm) | 13W | 14dB |  | 30MHz | GANAR *-receptor* | A-220 | BCE |
| 2SC2527 | 60W |  |  |  | GANAR *-receptor* | A-220 |  |
| [2SC2538](http://malzev.tripod.com/comp/2sc2538.htm) | 0,6 W | 10dB | 12V | 175MHz | FM / AM | A-92L | BCE |
| 2SC2539 | 14W | 14,5 dB | 13,5 V | 175MHz | FM | T-31E |  |
| 2SC2660 | 30W |  |  | 30MHz | GANAR *-receptor* | A-220 |  |
| 2SC2695 | 23W | 1,9 dB | 13,5 V | 520MHz | FM | T-31E |  |
| 2SC3001 | 6W | 13dB | 7.2 | 175MHz | FM | T-31E |  |
| [2SC3017](http://malzev.tripod.com/comp/2sc3017.htm) | 1W | 11dB | 13,5 V | 175MHz | FM | A-39 | CBE |
| 2SC3018 | 3W | 13dB | 7.2 | 175MHz | FM | T-31E |  |
| 2SC3020 | 3W | 10dB | 12.5V | 520MHz | FM | T-31E |  |
| 2SC3021 | 7W | 7,7 dB | 12.5V | 520MHz | FM | T-31E |  |
| 2SC3022 | 18W | 4,8 dB | 12.5V | 520MHz | FM | T-31E |  |
| 2SC3103 | 2,8 W | 6,7 dB | 7.2 | 520MHz | FM | T-31E |  |
| 2SC3104 | 6W | 4,8 dB | 7.2 | 520MHz | FM | T-31E |  |
| [2SC3133](http://malzev.tripod.com/comp/2sc3133.htm) | 13W | 14dB | 12V | 1,5-30MHz | FM / AM / SSB | A-220 | BEC |
| 2SC3297 | 15W |  |  | 100MHz | GANAR *-receptor* | A-220 |  |
| [2SC3299](http://malzev.tripod.com/comp/2sc3299.htm) | 20W |  |  |  | GANAR *-receptor* | A-220 |  |
| 2SC3668 | 1W |  |  | 100MHz | GANAR *-receptor* |  |  |
| 2SC3807 | 15W |  |  | 260MHz | GANAR *-receptor* | A-126 |  |
| [2SC4137](http://malzev.tripod.com/comp/2sc4137.htm) | 4W |  |  | 400MHz | GANAR *-receptor* | A-126 |  |
| [2SC4693](http://malzev.tripod.com/comp/2sc4693.htm) |  |  |  |  | FM / AM | A-92L | BCE |
| [KTC1006](http://malzev.tripod.com/comp/ktc1006.htm) | 1W |  |  | 100MHz | FM / AM | A-92L | BCE |
| [KTC1969](http://malzev.tripod.com/comp/ktc1969.htm) | 16W | 12dB | 12V | 100MHz | FM / AM | A-220 | BCE |
| [KTC2078](http://malzev.tripod.com/comp/ktc2078.htm) | 4W | 11dB | 12V | 100MHz | FM / AM | A-220 | BCE |
| MRF161 | 5W | 13,5 dB | 12.5V | 225-500MHz | FM / AM | A-220 | BEC |
| MRF162 | 15W | 13,5 dB | 12.5V | 225-500MHz | FM / AM | A-220 | BEC |
| MRF163 | 25W | 12dB | 12.5V | 225-500MHz | FM / AM | A-220 | BEC |
| MRF237 | 4W | 12dB | 18V | 175MHz | GANAR *-receptor* | A-39 |  |
| [MRF260](http://malzev.tripod.com/comp/mrf260.htm) | 5W | 10dB | 12.5V | 136-174MHz | FM | A-220 | BEC |
| MRF261 | 10W | 5,2 dB | 12.5V | 136-174MHz | FM | A-220 | BEC |
| [MRF262](http://malzev.tripod.com/comp/mrf262.htm) | 14W | 7,5 dB | 12.5V | 136-174MHz | FM | A-220 | BEC |
| MRF264 | 30W | 5,2 dB | 12.5V | 136-174MHz | GANAR *-receptor* | A-220 | BEC |
| [MRF340](http://malzev.tripod.com/comp/mrf340.htm) | 8W | 13dB | 28V | 70MHz | GANAR *-receptor* | A-220 | BEC |
| [MRF342](http://malzev.tripod.com/comp/mrf342.htm) | 24W | 11dB | 28V | 70MHz | GANAR *-receptor* | A-220 | BEC |
| MRF344 | 60W | 6dB | 28V | 70MHz | GANAR *-receptor* | A-220 |  |
| [MRF454](http://malzev.tripod.com/comp/mrf454.htm) | 80W | 12dB | 12.5V | 1,5-30MHz | FM / AM / SSB |  |  |
| [MRF455](http://malzev.tripod.com/comp/mrf455.htm) | 60W | 13dB | 12.5V | 1,5-30MHz | FM / AM / SSB |  |  |
| [MRF475](http://malzev.tripod.com/comp/mrf475.htm) | 12W | 10dB | 13,5 V | 1,5-30MHz | FM / AM / SSB | A-220 | BCE |
| [MRF476](http://malzev.tripod.com/comp/mrf476.htm) | 3W | 15dB | 13,5 V | 1,5-30MHz | FM / AM / SSB | A-220 | BCE |
| MRF477 | 40W | 15dB | 13,5 V | 1,5-30MHz | FM / AM / SSB | A-220 | BEC lincoln |
| MRF479 | 15W | 10dB | 13,5 V | 1,5-30MHz | FM / AM / SSB | A-220 |  |
| [MRF485](http://malzev.tripod.com/comp/mrf485.htm) | 15W | 10dB | 28V | 1,5-30MHz | GANAR *-receptor* | A-220 |  |
| MRF486 | 40W | 15dB | 28V | 1,5-30MHz | GANAR *-receptor* | A-220 |  |
| MRF496 | 40W | 15dB | 13,5 V | 1,5-30MHz | GANAR *-receptor* | A-220 |  |
| MRF497 | 60W | 10dB | 13,5 V | 27-50MHz | GANAR *-receptor* | A-220 |  |
| MRF517 | 0,75 W | 10dB | 20V | 1000MHz | GANAR *-receptor* | A-39 |  |
| MRF607 | 1.75 En | 11,5 dB | 16V | 175MHz | GANAR *-receptor* | A-39 |  |
| MRF660 | 7W | 5,4 dB | 12.5V | 400-512MHz | GANAR *-receptor* | A-220 |  |
| [MS1226](http://malzev.tripod.com/comp/ms1226.htm) | 30W | 18dB | 28V | 30MHz | FM / AM / SSB |  |  |
| MS1227 | 20W | 15dB | 12.5V | 30MHz | FM / AM / SSB |  |  |

**FET Transistor De Energía**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Transistor** | **Potencia** | **Ganancia** | **Voltaje** | **Frecuencia** | **Modo** | **Caso** | **Pin 123** |
| MRF134 | 5W | 14dB | 28V | 30-225MHz | FM / AM / SSB |  |  |
| MRF136 | 15W | 16dB | 28V | 30-225MHz | FM / AM / SSB |  |  |
| MRF148A | 30W | 18dB | 50V | 2-225MHz | FM / AM / SSB |  |  |
| MRF171A | 45W | 19,5 dB | 28V | 30-225MHz | FM / AM / SSB |  |  |
| MRF173 | 80W | 13dB | 28V | 30-225MHz | FM / AM / SSB |  |  |
| MRF174 | 125W | 11,8 dB | 28V | 30-225MHz | FM / AM / SSB |  |  |
| [MS1307](http://malzev.tripod.com/comp/ms1307.htm) | 25W | dB | 13,5 V | 30MHz | FM / AM / SSB | A-220 | GDS |