

ACTIVE COMPONENTS FOR HYBRID CIRCUITS
COMPOSANTS ACTIFS POUR CIRCUITS HYBRIDES



Silicon NPN transistors, low noise (chip)

Transistors NPN silicium, faible bruit (pastille)

| Type Type | V_{CBO} (V) | V_{CEO} (V) | I_C (mA) | h_{21E} | | V_{CE} (V) | I_C (mA) | F (dB) |
|--------------|------------------|------------------|---------------|-----------|--|-----------------|---------------|-----------|
| | | | | min - max | | | | |
| J.2N 930 | 45 | 45 | 30 | 100 - 300 | | 5 | 0,010 | 3 |
| J.2N 2483 | 60 | 60 | 50 | 40 - 120 | | 5 | 0,010 | 4 |
| J.2N 2484 | 60 | 60 | 50 | 100 - 500 | | 5 | 0,010 | 3 |

Silicon NPN transistors, fast switching (ship)

Transistors NPN silicium, commutation rapide (pastille)

| Type Type | V_{CBO} (V) | V_{CEO} (V) | I_C (mA) | h_{21E} | | V_{CE} (V) | I_C (mA) |
|--------------|------------------|------------------|---------------|-----------|--|-----------------|---------------|
| | | V_{CER}^* | | min - max | | | |
| J.2N 706 | 25 | 20* | | 20* | | 1 | 10 |
| J.2N 706 A | 25 | 15 | | 20 - 60* | | 1 | 10 |
| J.2N 708 | 40 | 15 | | 30 - 120* | | 1 | 10 |
| J.2N 2369 | 40 | 15 | 200 | 40 - 120* | | 1 | 10 |

Silicon PNP transistors, fast switching (chip)

Transistors PNP silicium, commutation rapide (pastille)

| Type Type | V_{CBO} (V) | V_{CEO} (V) | I_C (mA) | h_{21E} | | V_{CE} (V) | I_C (mA) |
|--------------|------------------|------------------|---------------|-----------|--|-----------------|---------------|
| | | | | min - max | | | |
| J.2N 2894 | -12 | -12 | -200 | 40 - 150* | | -0,5 | -30 |

* Pulsed
Impulsions