



Universidad Nacional de Misiones



ELECTRÓNICA GENERAL

TRANSISTORES ORDEN DE PATAS *ENCAPSULADO*



Mgtr. Ing. Victor Hugo Kurtz

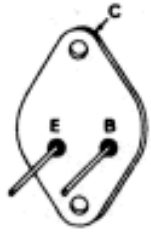
TRANSISTORES

Encapsulados

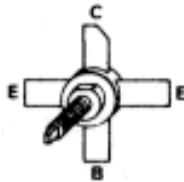
Corriente de salida	100mA	1A	1.1A - 5A
Encapsulado	TO-92	TO-220	TO-3
Forma física			

TRANSISTORES

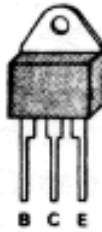
Encapsulados



2N3055
NPN



2N5590
NPN



PC100 NPN
PC110 NPN



2N6099
BDX53 NPN
BDX54 NPN



BD131 NPN
BD132 NPN
BD135 NPN
BD136 PNP



BD137 NPN
BD138 PNP
BD139 NPN
BD140 PNP
MC140 NPN
MC150 PNP



BC547 NPN
BC548 NPN
BC549 NPN



BSX20 NPN



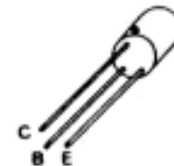
2N3866 NPN
2N3924 NPN



SC107 NPN
SC108 NPN
SC109 NPN
SF115 NPN



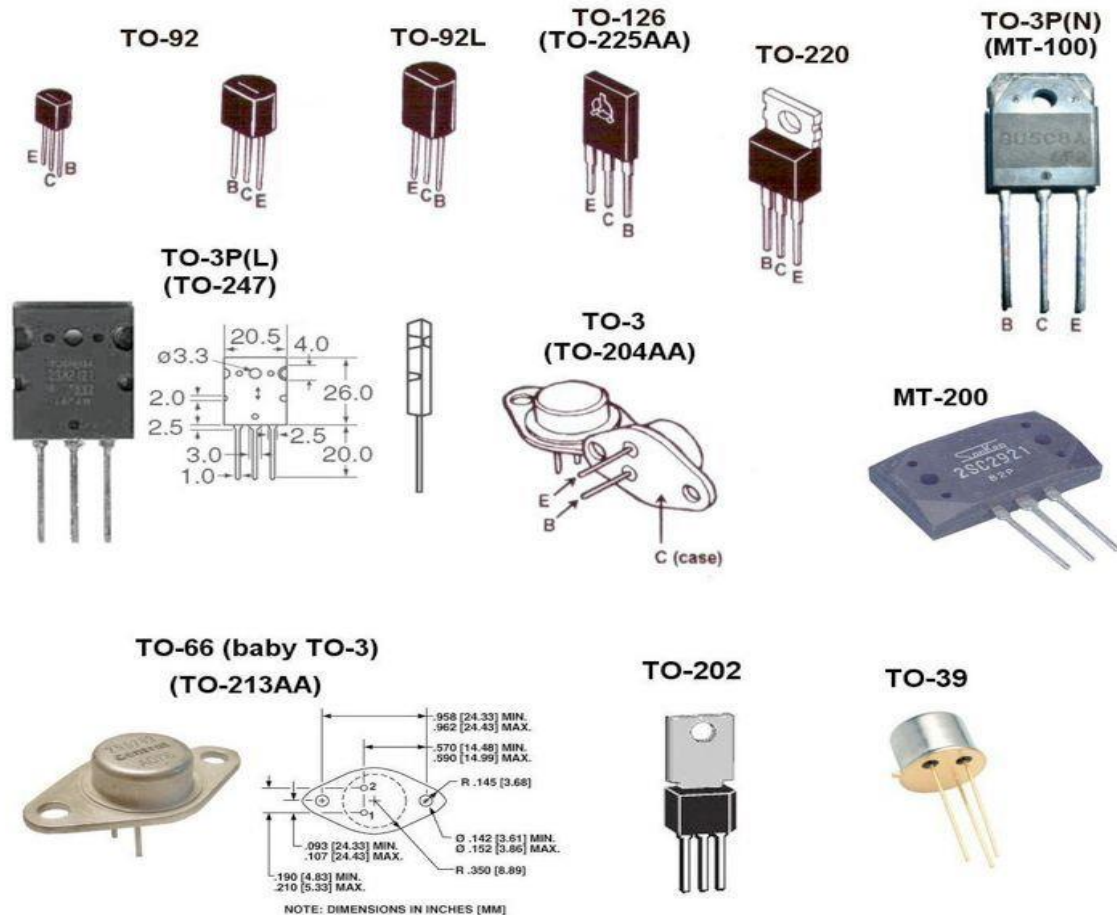
SC157 PNP
SC158 PNP
SC159 PNP



SC147 NPN
SC148 NPN
SC149 NPN
AC125 PNP
AC126 PNP
AC127 NPN
AC128 PNP

TRANSISTORES

Encapsulados

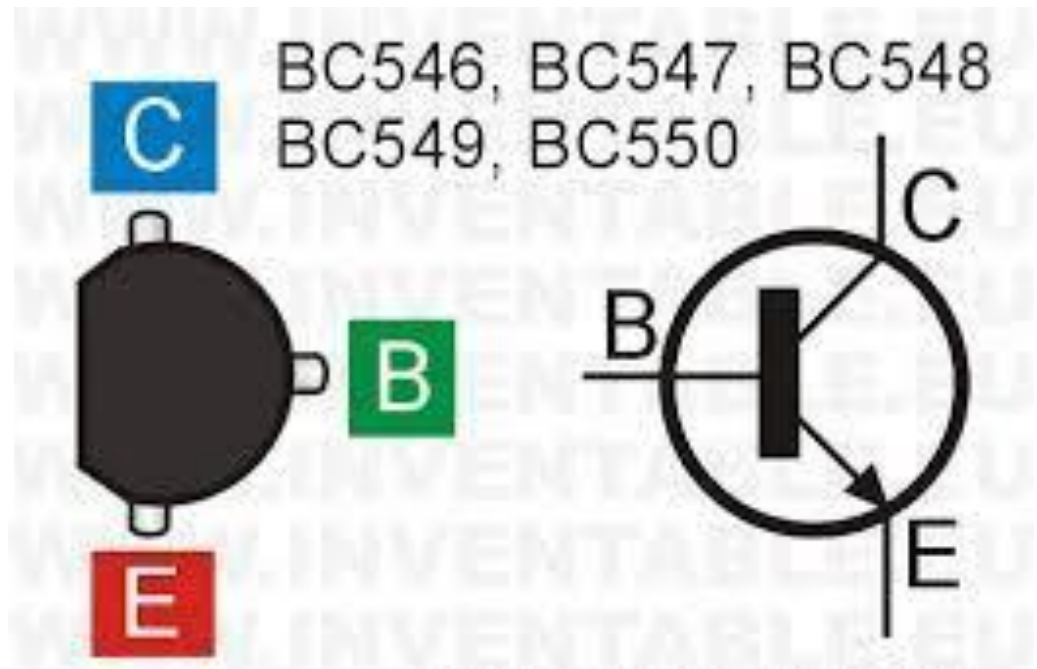


TRANSISTORES

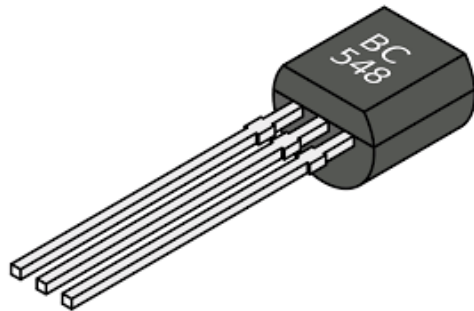
BC548 (TO92)



BC548B
NPN TO-92



BC546, BC547, BC548
BC549, BC550



TRANSISTORES

BC548 (TO92)

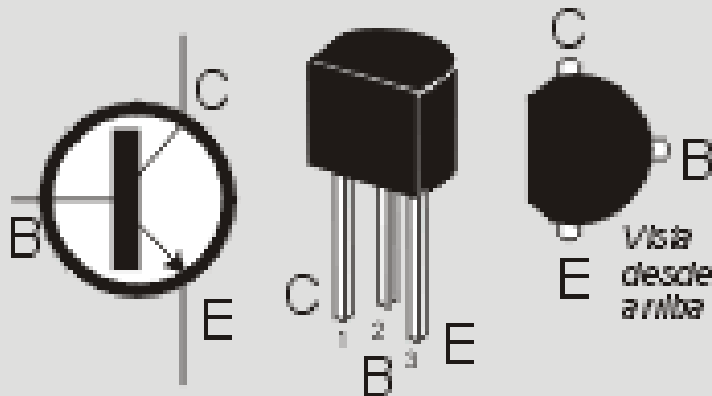
Modelo: BC547 / BC548

Tipo: NPN

Vmax: 30V / 45V

I_{max}: 100mA

HFE min: 110



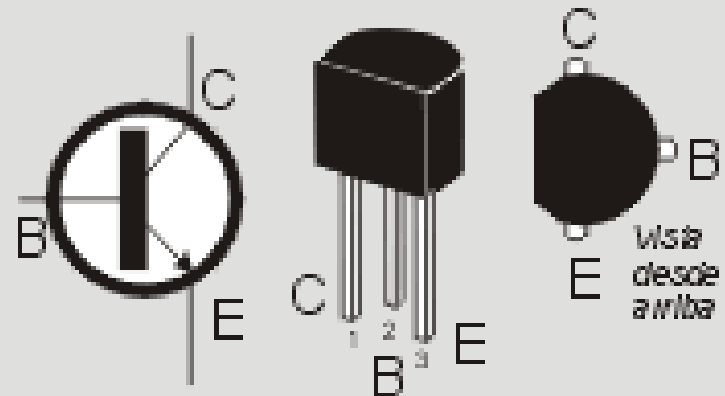
Modelo: BC337

Tipo: NPN

Vmax: 45V

I_{max}: 800mA

HFE min: 100



TRANSISTORES

BC548 (T092)

El **BC548** es un transistor NPN bipolar de propósitos generales utilizado principalmente en equipos de procedencia europea .

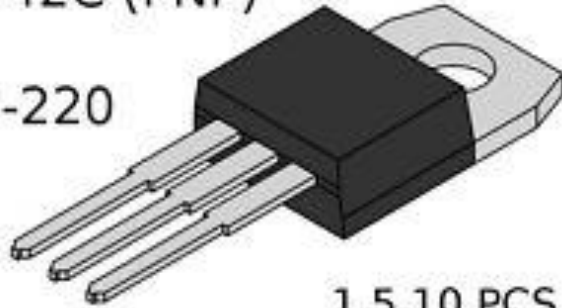
Eléctricamente es similar al transistor 2N3904 (estadounidense) y al transistor 2SC1815 (japonés), aunque la asignaciones de los pines es distinta. >

TRANSISTORES

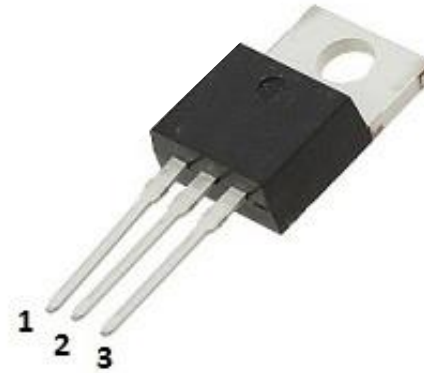
Tipos TO22 (TIPxx)

TIP41C (NPN)
TIP42C (PNP)

TO-220

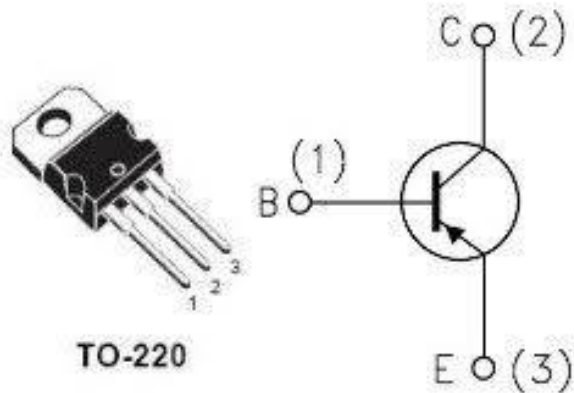


1,5,10 PCS



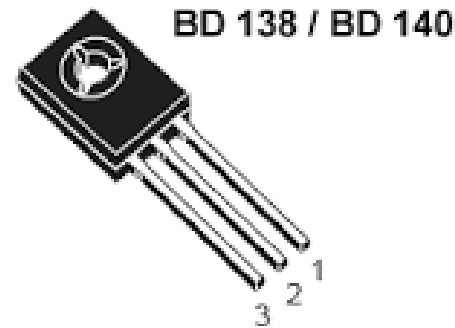
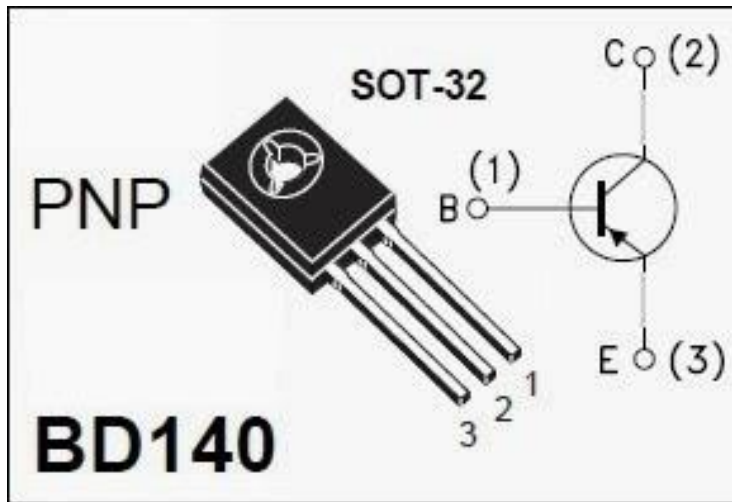
TIP41C pinout

1. Base
2. Collector
3. Emitter



TRANSISTORES

Tipo BDxx



TO 126

- 1 Basis
- 2 Collector
- 3 Emitter



TRANSISTORES (Orden de terminales) "Pinout"

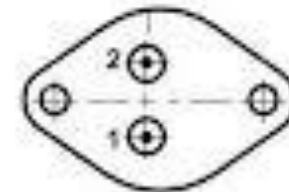
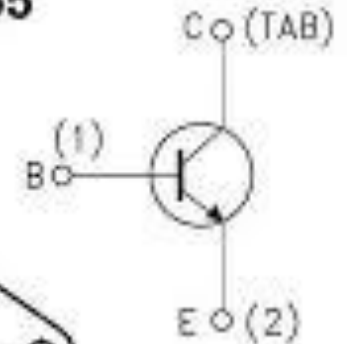
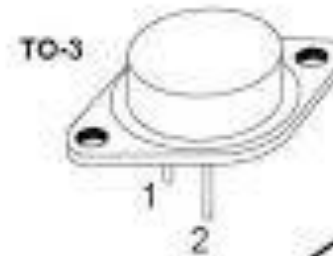
Electrónica General 2021 - Fio - UNaM
Mgr. Ing. Victor Hugo Kurtz

TRANSISTORES

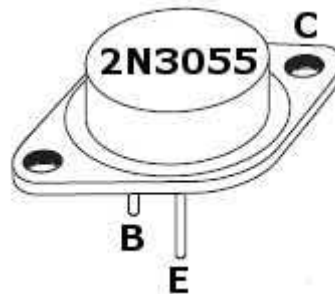
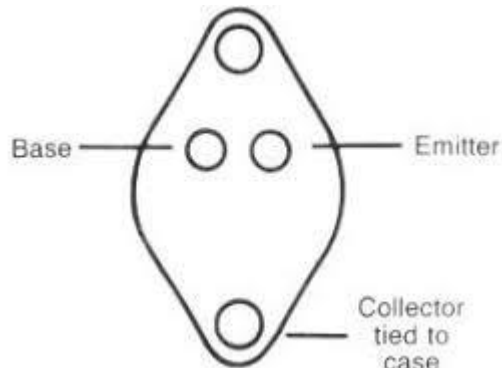
tipo TO 03



2N3055



PIN 1. BASE
2. EMITTER
CASE. COLLECTOR



TRANSISTORES

Encapsulados SMD

FIGURAS	DENOMINACIÓN	IMAGEN
<p>2.8-3.0 mm 0.9-1.1 mm 1.2-1.4 mm</p>	SOT-23	
<p>1.8-2.2 mm 0.90-1.25 mm 1.15-1.35 mm</p>	SOT-223	
<p>6.3-6.7 mm 1.5-1.75 mm 3.3-3.7 mm</p>	SOT-323/SC-70	
<p>4.4-4.6 mm 1.4-1.6 mm 2.4-2.6 mm</p>	SOT-89	

FIN