



# TIP120, TIP121, TIP122 TIP125, TIP126, TIP127

## Complementary power Darlington transistors

### Features

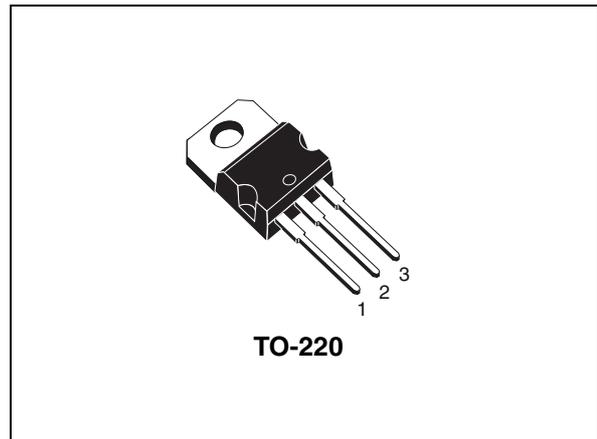
- Low collector-emitter saturation voltage
- Complementary NPN - PNP transistors

### Applications

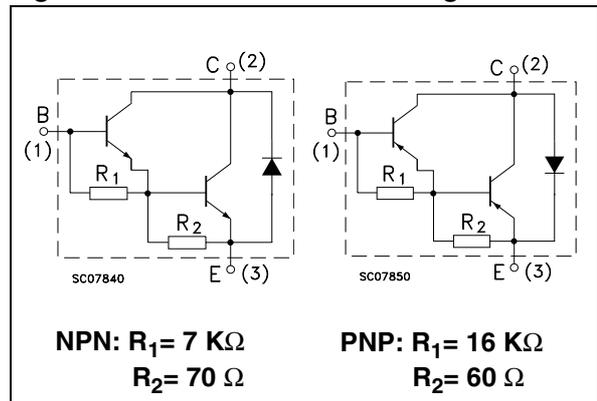
- General purpose linear and switching

### Description

The devices are manufactured in planar technology with “base island” layout and monolithic Darlington configuration. The resulting transistors show exceptional high gain performance coupled with very low saturation voltage.



**Figure 1. Internal schematic diagrams**



**Table 1. Device summary**

Order codes	Marking	Package	Packaging
TIP120	TIP120	TO-220	Tube
TIP121	TIP121		
TIP122	TIP122		
TIP125	TIP125		
TIP126	TIP126		
TIP127	TIP127		