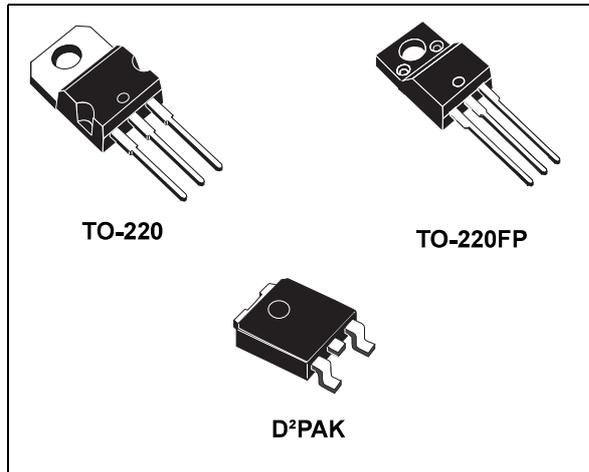


Negative voltage regulators

Datasheet - production data



Description

The L79 series of three-terminal negative regulators is available in TO-220, TO-220FP and D²PAK packages and several fixed output voltages, making it useful in a wide range of applications. These regulators can provide local on-card regulation, eliminating the distribution problems associated with single point regulation; furthermore, having the same voltage option as the L78 positive standard series, they are particularly suited for split power supplies. If adequate heat sinking is provided, they can deliver over 1.5 A output current. Although designed primarily as fixed voltage regulators, these devices can be used with external components to obtain adjustable voltages and currents.

Features

- Output current up to 1.5 A
- Output voltages of - 5; - 8; - 12; - 15 V
- Thermal overload protection
- Short circuit protection
- Output transition SOA protection
- Output tolerance 2% (AC version) or 4% (C version) at 25°C

Table 1. Device summary

Order codes				Output voltages
TO-220 (single gauge)	TO-220 (dual gauge)	D ² PAK	TO-220FP	
L7905ACV	L7905ACV-DG	L7905ACD2T-TR		- 5 V
L7905CV	L7905CV-DG	L7905CD2T-TR	L7905CP	- 5 V
L7908CV	L7908CV-DG			- 8 V
L7912ACV	L7912ACV-DG			- 12 V
L7912CV	L7912CV-DG	L7912CD2T-TR	L7912CP	- 12 V
L7915ACV	L7915ACV-DG			- 15 V
L7915CV	L7915CV-DG		L7915CP	- 15 V