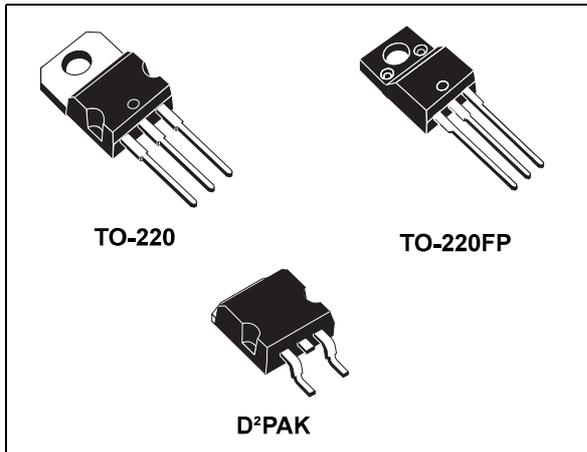


## 1.2 V to 37 V adjustable voltage regulators

Datasheet - production data



### Description

The LM217, LM317 are monolithic integrated circuits in TO-220, TO-220FP and D<sup>2</sup>PAK packages intended for use as positive adjustable voltage regulators. They are designed to supply more than 1.5 A of load current with an output voltage adjustable over a 1.2 to 37 V range. The nominal output voltage is selected by means of a resistive divider, making the device exceptionally easy to use and eliminating the stocking of many fixed regulators.

### Features

- Output voltage range: 1.2 to 37 V
- Output current in excess of 1.5 A
- 0.1 % line and load regulation
- Floating operation for high voltages
- Complete series of protections: current limiting, thermal shutdown and SOA control

Table 1. Device summary

Order codes			
TO-220 (single gauge)	TO-220 (double gauge)	D <sup>2</sup> PAK (tape and reel)	TO-220FP
LM217T	LM217T-DG	LM217D2T-TR	
LM317T	LM317T-DG	LM317D2T-TR	LM317P
LM317BT			

# 1 Pin configuration

Figure 1. Pin connections (top view)

