

## FAN7554

# Versatile PWM Controller

## Product Overview

For complete documentation, see the data sheet.

The FAN7554 is a fixed frequency current-mode PWM controller. It is specially designed for off-line and DC-to-DC converter applications with minimal external components. These integrated circuits feature a trimmed oscillator for precise duty cycle control, a temperature compensated reference, an ON/OFF control, a high gain error amplifier, a current sensing comparator, and a high current totem-pole output. The FAN7554 has various protection functions such as an overload protection, an over current protection, and the over voltage protection, which includes built-in auto restart circuit. The FAN7554 is available in the 8-DIP package as well as the 8-SOP package.

## Features

- Current Mode Control
- Pulse by pulse current limiting
- Low external components
- Under-Voltage Lockout (UVLO): 9 V/1 5V
- Stand-by Current: Typ. 100 A
- Power Saving Mode Current: Typ. 200 A
- Operating Current: Typ. 7 mA
- Soft-Start
- On/Off Control
- Overload Protection (OLP)

For more features, see the data sheet

## Applications

- Other Consumer Electronics