

Low On-Resistance, 12V/1A Load Switch with adjustable soft-start

1. General Description

The FA7610 is a small, ultra-low R_{ON} , single channel load switch supporting current up to 1A, allow for +12V or +5V power rail. The FA7610 controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals. A 250Ω on-chip load resistor is added for quick output discharge when switch is turned off. The FA7610 provides a under voltage protection during soft-start. If short circuit is present before power on, the device will be triggered UVP while start-up. The VOUT keep low until short circuit remove. The device The FA7610 also integrates OTP to against the fault conditions.

The FA7610 is available in space saving, SOT23 package.

Features

- Typical 120mΩ On-resistance
- Input Voltage Range (VIN): 4.75V to 13.2V
- Output Discharge when Switch Disabled
- Under Voltage Protection at Soft Start
- Over Temperature Latch-off Protection
- Enable Control

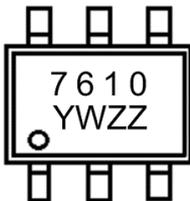
Ordering Information

FA7610 

Packing Code
Package Type

Package Type
A6: SOT-23-6L
Packing Code
R: Tape & Reel

Marking Information



7610: Product Code
Y: Year 2016→C、2017→D
W: Week 01~26→A~Z、27~52→a~z、53→0
ZZ: Series Code