

Ultra-Low On-Resistance, 4A Load Switch with adjustable soft-start

1. General Description

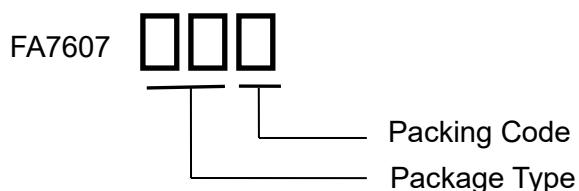
The FA7607 is a small, ultra-low R_{ON} , single channel support a maximum 4A continuous current. The switch is controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals.

In FA7607, a 220 Ω on-chip load resistor is added for quick output discharge when switch is turned off.

Features

- Typical 25m Ω On-resistance
- 4A Continuous Current
- Soft start time programmable by External capacitor
- Wide Input Voltage Range (VIN): 0.7V to 5.5V
- Supply Voltage Range (VBIAS): 2.5V to 5.5V
- Output Discharge when Switch Disabled
- Reverse Current Blocking when Switch Disabled
- Enable control
- Halogen Free 、RoHS and TSCA regulations compliant

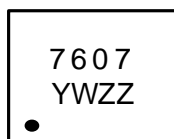
Ordering Information



Package Type
OT: DFN 2x2mm²-8L

Packing Code
R: Tape & Reel

Marking Information



7607: Product Code
Y : Year 2024→K 、2025→L 、2026→M
W: Week 01~26→A~Z 、27~52→a~z 、53→0
ZZ: Series Code