

Ultra-Low On-Resistance, 6A Load Switch with adjustable soft-start

1. General Description

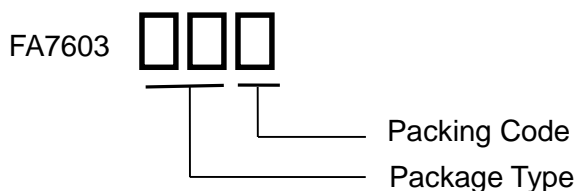
The FA7603 is a small, ultra-low R_{ON} , single channel support a maximum 6A continuous current. The switch is controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals.

In FA7603, a 220 Ω on-chip load resistor is added for quick output discharge when switch is turned off.

Features

- Typical 20m Ω On-resistance
- 6A Continuous Current
- Soft start time programmable by External capacitor
- Wide Input Voltage Range (V_{IN}): 0.8V to 5.5V
- Supply Voltage Range (V_{BIAS}): 2.5V to 5.5V
- Output Discharge when Switch Disabled
- Reverse Current Blocking when Switch Disabled
- Enable control

Ordering Information



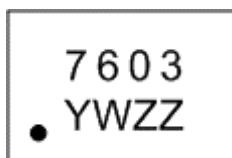
Package Type

OT: DFN 2x2mm²-8L

Packing Code

R: Tape & Reel

Marking Information



7603: Product Code

Y: Year 2016→C、2017→D

W: Week 01~26→A~Z、27~52→a~z、53→0

ZZ: Series Code