

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

1. General Description

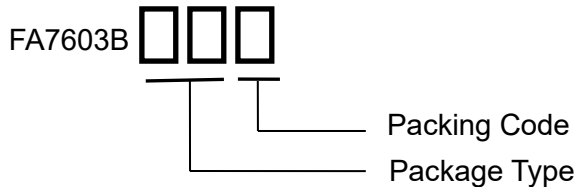
The FA7603B is a small, ultra-low R_{ON} , single channel support a maximum 6A continuous current. The switch is controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals.

In FA7603B, a 220 Ω on-chip load resistor is added for quick output discharge when switch is turned off.

Features

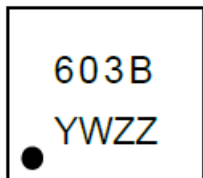
- Typical 20m Ω On-resistance
- 6A Continuous Current
- Soft start time programmable by External capacitor
- Wide Input Voltage Range (VIN): 0.68V to 5.7V
- Supply Voltage Range (VBIAS): 2.5V to 5.7V
- Output Discharge when Switch Disabled
- Reverse Current Blocking when Switch Disabled
- Enable control
- Halogen Free, RoHS and TSCA regulations compliant

Ordering Information



Package Type
OT: DFN 2x2mm²-8L
Packing Code
R: Tape & Reel

Marking Information



603B: Product Code
Y : Year 2024→K 、 2025→L
W: Week 01~26→A~Z 、 27~52→a~z 、 53→0
ZZ: Series Code