

Ultra-Low On-Resistance, 10A Load Switch

1. General Description

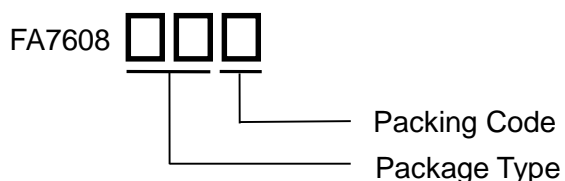
The FA7608 is a small, ultra-low R_{ON} , single channel support a maximum 10A continuous current. It contains an N-MOSFET which operates up to 5.5V input voltage range and 10A maximum continuous current. The switch is controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals.

In FA7608, a 220 Ω on-chip load resistor is added for quick output discharge when switch is turned off.

Features

- 3.7m Ω On-resistance at $V_{BIAS}=5V$, $V_{IN}=1.05V$
- Integrated 10A Single Channel Load Switch
- Input Voltage Range (V_{IN}): 0.7V to V_{BIAS}
- Bias Voltage Range (V_{BIAS}): 2.8V to 5.5V
- Output Discharge when Switch Disabled

Ordering Information



Package Type

OT: DFN 3x3mm²-8L

Packing Code

R: Tape & Reel

Marking Information



YY: Year 2017→17、2018→18、2019→19、2020→20

WW: Week 01~53

ZZ: Series Code