

Ultra-Low On-Resistance, 6A Load Switch with Quick Rise Time

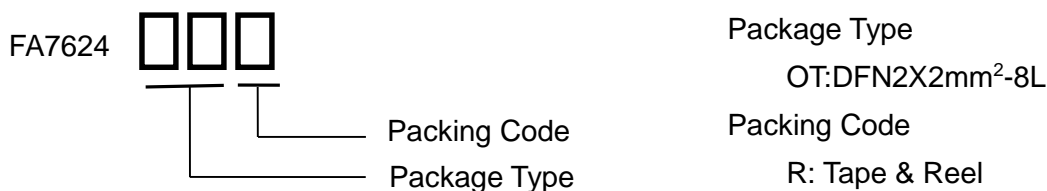
1. General Description

The FA7624 is a small, ultra-low R_{ON} , single channel support a maximum 6A current. The switch is controlled by an on/off input, which is capable of interfacing directly with low-voltage control signals. In FA7624, 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 Output Current
- 13.5us (typ.) Turn On Rise Time @ $V_{OUT} = 1.05V$, $V_{BIAS}=5.0V$
- Wide Input Voltage Range (V_{IN}): 0.8V to 5.5V
- Supply Voltage Range (V_{BIAS}): 3.0V to 5.5V
- Output Discharge when Switch Disabled
- Reverse Current Blocking when Switch Disabled
- Enable Control
- Halogen Free and Green Devices (RoHS Compliant)

Ordering Information



Marking Information

