

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

## 1. General Description

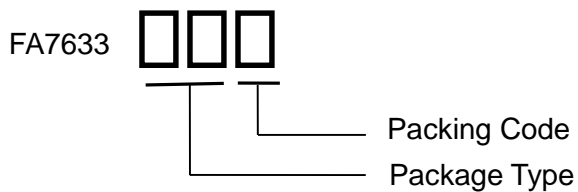
The FA7633 is a small, ultra-low  $R_{ON}$ , dual channel support a maximum continuous current of 6A per channel. Each switch is independently controlled by an on/off input (ON1 and ON2), which is capable of interfacing directly with low-voltage control signals.

In FA7633, a 220 $\Omega$  on-chip load resistor is added for quick output discharge when switch is turned off.

### Features

- 20m $\Omega$  On-resistance per Channel
- 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



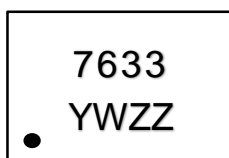
Package Type

OT: DFN 2x3mm<sup>2</sup>-14L

Packing Code

R: Tape & Reel

### Marking Information



7633: Product Code

Y: Year 2020→G、2021→H

W: Week 01~26→A~Z、27~52→a~z、53→0

ZZ: Series Code