

Ultra-high PSRR, 500mA LDO

General Description

The iD9345 is a low-dropout (LDO) linear voltage regulator that features high power supply rejection ratio (PSRR), super low quiescent current, fast start-up, and excellent line and load transient responses. Its PSRR can be as high as 95dB at 1.2V output. Therefore, iD9345 is an ideal power supply for noise-sensitive applications such as RF transmissions, cellphones, CMOS sensors and audios, etc.

iD9345 is available in SOT-23-5 and UDFN-4 (1mmx1mm).

Ordering Information

iD9345 -

Package: R: Tape and Reel
 A50:SOT-23-5
 FA4:UDFN-4 (1mmx1mm)

Output Voltage	Voltage Code
1.2	12
1.5	15
1.8	18
2.8	28
3.0	30
3.3	33

Other voltage outputs may be available. For further details, please contact an iDesyn sales or distributor.

Features

- High PSRR, 95dB at 100Hz, 90dB at 1kHz
- Stable with a Wide Range of Ceramic Capacitor larger than 1μF
- Excellent Load and Line Transient Response
- Super Low Dropout Voltage
- 500mA output current
- EN shutdown for V_{OUT} discharging

Applications

- RF Power
- Sensors
- Audio

Marking Information

For marking information, please contact our sales representative directly or through distributor around your location.

