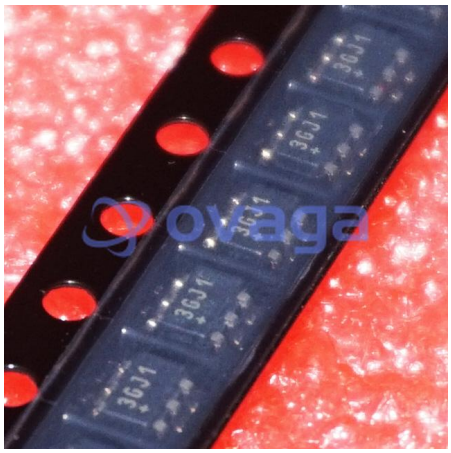
DS2483R+T

Data Sheet

Single-Channel 1-Wire Master with Adjustable Timing and Sleep Mode

Manufacturers	Analog Devices, Inc
Package/Case	SOT23-6
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for DS2483R+T or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

DS2483R+T is a device from Maxim Integrated, which is a single-channel 1-Wire master that interfaces with a microcontroller over an I2C bus. It provides the necessary hardware and firmware to communicate with any device on a 1-Wire network. The DS2483R+T features a built-in I2C slave to allow multiple DS2483R+T devices to be connected in parallel to the same microcontroller.

Features

Single-channel 1-Wire master with built-in I2C slave

Supports standard and overdrive 1-Wire communication

Supports search and conditional search functions

Supports 1-Wire EEPROM programming and verification

Supports up to eight 1-Wire devices on a network

Supports I2C communication at up to 400kHz

Small 8-pin SOIC package

Application

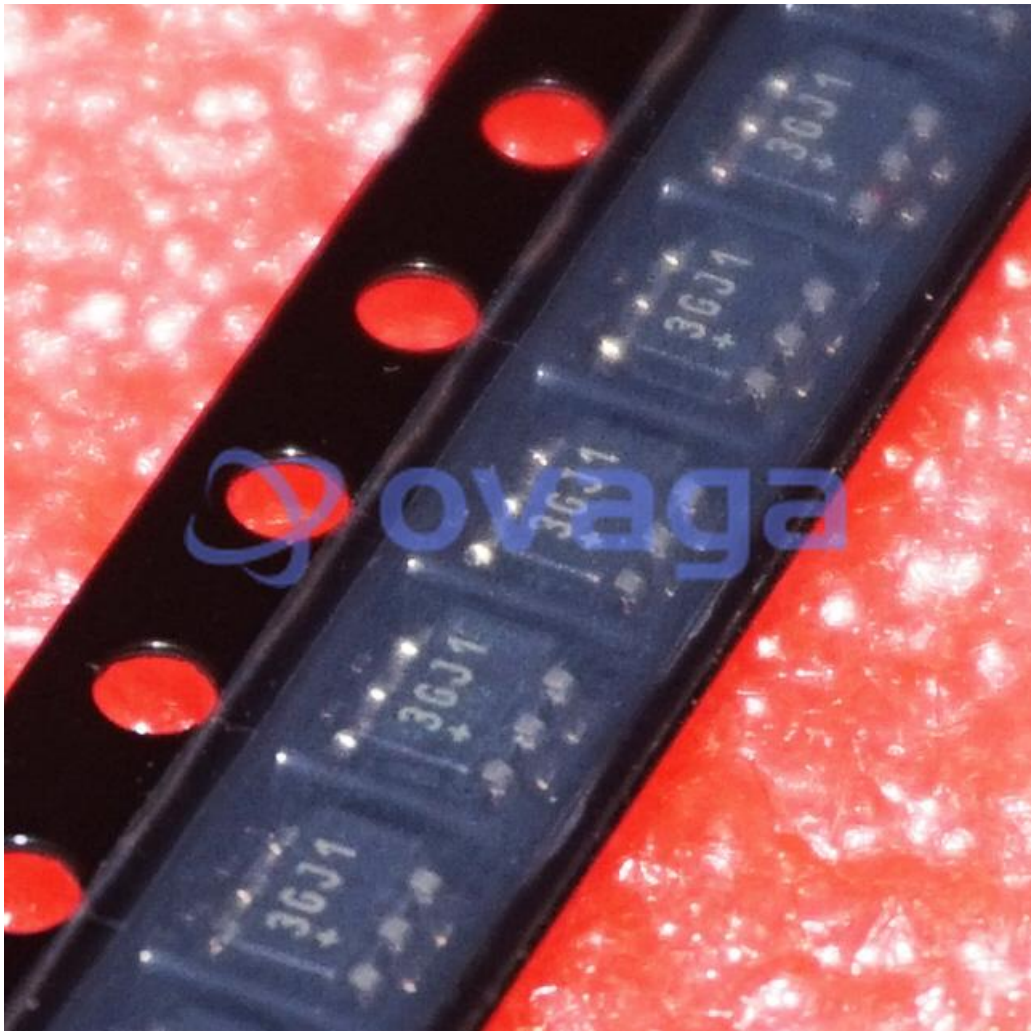
DS2483-100+: Single-channel 1-Wire master with built-in I2C slave, supports standard and overdrive 1-Wire communication, 8-pin SOIC package.

DS2482S-100+: Dual-channel 1-Wire master with built-in I2C slave, supports standard and overdrive 1-Wire communication, 8-pin SOIC package.

DS2482-100+: Dual-channel 1-Wire master with built-in I2C slave, supports standard 1-Wire communication, 8-pin SOIC package.

DS2482-800+: Eight-channel 1-Wire master with built-in I2C slave, supports standard 1-Wire communication, 16-pin TSSOP package.

DS28E17: Single-channel 1-Wire master with built-in SHA-256 authentication, 8-pin SOIC package.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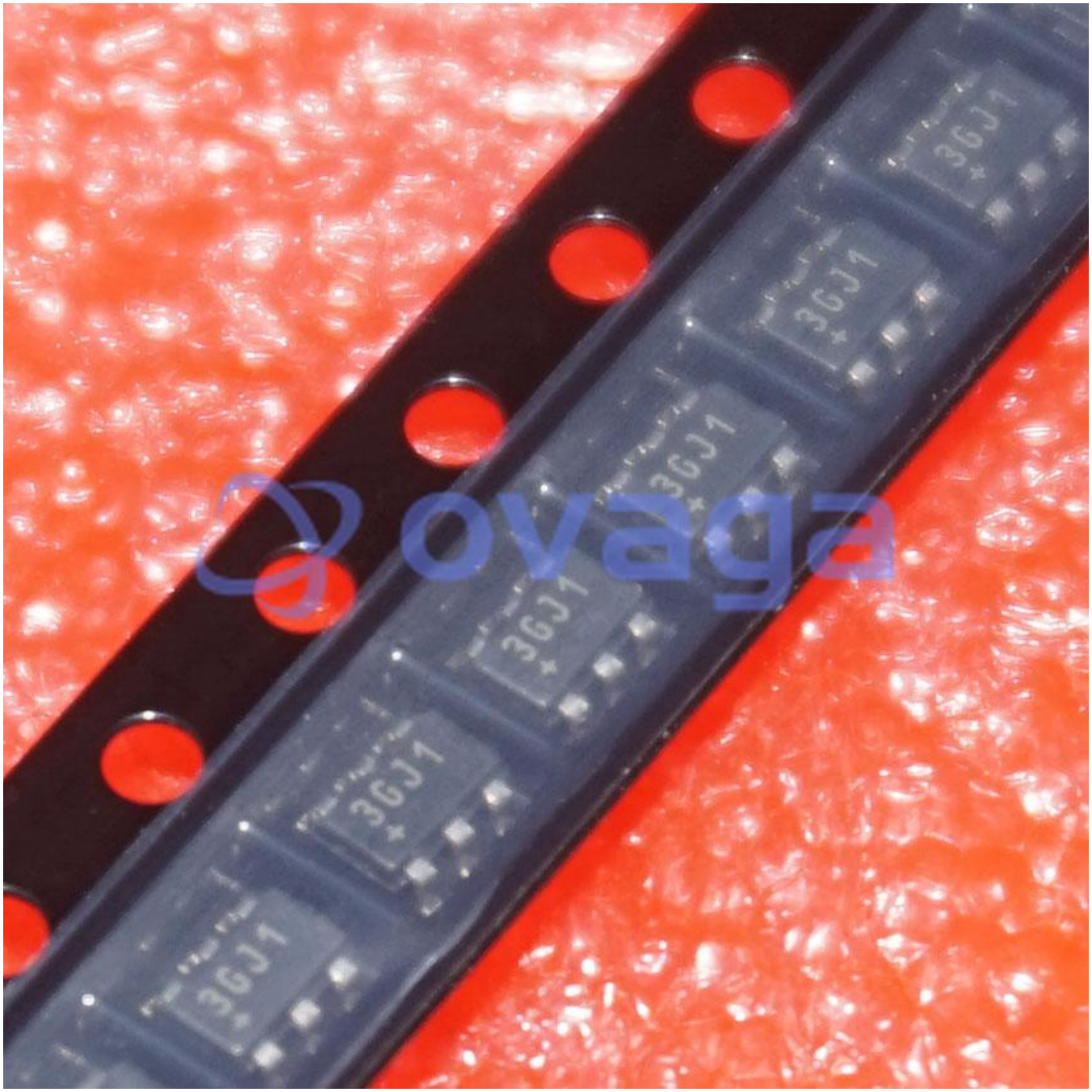


Related Products

[DS2406P]

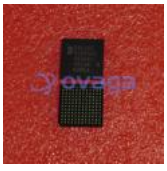
Analog Devices, Inc

TSOC-6

[DS2408S+]

Analog Devices, Inc

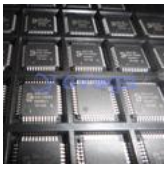
SOP-16



[DS26522GN]

Analog Devices, Inc

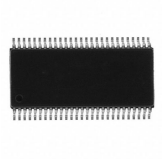
CSBGA-144



[DS21348TN]

Analog Devices, Inc

TQFP-44



DS2480B+T&R

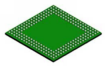
Analog Devices, Inc

8-SOIC (0.154", 3.90mm Width)

DS2480B+

Analog Devices, Inc

SOP-8



DS33Z44

Analog Devices, Inc

CSBGA256

DS2155LN

Analog Devices, Inc

LQFP-100