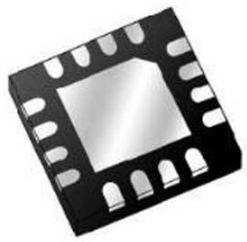
LNBH29EPTR

LNB Supply and Control Voltage Regulator 8V to 17.5V 16-Pin QFN EP T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	QFN16
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

Intended for analog and digital satellite receivers/Sat-TV and Sat-PC cards, the LNBH29 series is a monolithic voltage regulator and interface IC, assembled in QFN16 (3x3) and QFN16 (4x4) specifically designed to provide the 13 / 18 V power supply and the 22 kHz tone signaling to the LNB down-converter in the antenna dish or to the multi-switch box. In this application field, it offers a complete solution with extremely low component count, low power dissipation together with a simple design and I2C standard interfacing.

Key Features

CompleteinterfacebetweenLNBandI2Cbus

Built-inDC-DCconverterforsingle12Vsupplyoperationandhighefficiency(typ.93%@0.5A)

Selectableoutputcurrentlimitbyexternalresistor

Compliantwithmainsatellitereceiveroutputvoltagespecifications

Accuratebuilt-in22kHztonegeneratorsuitswidelyacceptedstandards

EXTMpin,auxiliary22kHzmodulationinput(LNBH29E)extendsdesignflexibility

Recommended For You

LNBH23LQTR

STMicroelectronics, Inc

QFN

LNBH26PQR

STMicroelectronics, Inc

QFN

VIPER06LN

STMicroelectronics, Inc

DIP-7

LNBH25PQR

STMicroelectronics, Inc

QFN24

LNBH24TPPR

STMicroelectronics, Inc

SSOP36

LNBP20PD

STMicroelectronics, Inc

SOP

LDLN050PU33R

STMicroelectronics, Inc

DFN-EP8

VIPER26LN

STMicroelectronics, Inc

DIP

LNBH25SPQR

STMicroelectronics, Inc

QFN

LNBH25LSPQR

STMicroelectronics, Inc

QFN24

LNBH25LPQR

STMicroelectronics, Inc

QFN24

LNBP13SP

STMicroelectronics, Inc

SOP10

LNBP15SP-TR

STMicroelectronics, Inc

HSOP10

LNBP16SP-TR

STMicroelectronics, Inc

PowerSO-10

LNBH23QTR

STMicroelectronics, Inc

QFN32