


LNB Supply and Control Voltage Regulator 8V to 15V 32-Pin QFN EP T/R



Images are for reference only

[Inquiry](#)

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

General Description

Intended for analog and digital satellite receivers/sat-TV, sat-PC cards, the LNBH23 is a monolithic voltage regulator and interface IC, assembled in PowerSSO-24 ePAD and QFN32 (5 x 5 mm.) ePAD, specifically designed to provide the 13/18 V power supply and the 22 kHz tone signalling 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 simple design and I2C standard interfacing.

Key Features

Complete interface between LNB and I2C bus

Built-in DC-DC converter for single 1.2V supply operation and high efficiency (typ. 93% @ 0.75A), with integrated NMOS

Selectable output current limit by external resistor

Compliant with main satellite receivers system specifications

New accurate built-in 22kHz tone generator suits widely accepted standards (patent pending)

Fast oscillator start-up facilitates DiSEqC encoding

Built-in 22kHz tone detectors support bi-directional DiSEqC 2.0



Recommended For You

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

LNBH29EPTR

STMicroelectronics, Inc

QFN16

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