

SU1278 Family

# Satellite Network Interface Module



**PHILIPS**

*Let's make things better.*

# SU1278 Family Satellite Network Interface Module

Series SU1278 Family



SU1278 L

## Features

- Multi-standard QPSK and BPSK demodulation
- Compliant with DVB-S and DSS™ specification
- Parallel or serial MPEG-2 TS data output
- Suitable for fixed and variable bit rates from 1- 45 Ms/s
- Switchable baseband lowpass filter bandwidth
- Simple LNB supply control via 3 output pins
- Standard 22KHz tone and DiSEqC™ 1.0 Modulator output
- Direct conversion tuner concept
- Radiation/Immunity complying to "CENELEC EN55013/EN55020"
- I<sup>2</sup>C - bus serial bus and repeater

## Power consumption

- Total power consumption typically 1,6 W

## Options

- RF loop-through or single input
- Horizontal mounting or vertical mounting

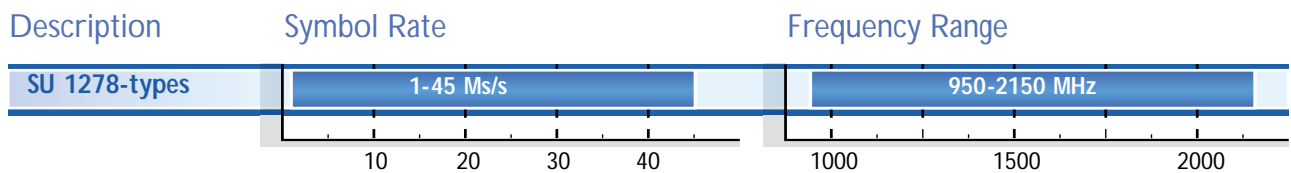
## Size

- Super compact size: 67 x 38,5 x 13 mm

## Reference Design

- On request reference board and software available

## Quick Reference Data



Philips Components  
34119 W. 12 Mile Road, Suite 104  
Farmington Hills, MI 48331-3371  
Fax: + 1 (248) 553-0449  
www.components.philips.com

Philips Singapore Electronics Pte Ltd.  
Tuner Factory TP 3.  
Lorong 1 Toa Payoh  
Singapore 319762  
Singapore  
Fax: + 65 258 7102  
www.components.philips.com

Philips GmbH  
Tuners Competence Center Krefeld  
Kreuzweg 60  
47809 Krefeld, Germany  
Fax: + 49-2151-5350-153  
www.components.philips.comtm



# PHILIPS

Let's make things better.