

12 Channels PSE evaluation board

Data Brief

Features

- 12 Channels PSE system
- Configurable Alternative A (MDI) or Alternative B(All)
- 12 Standard ports(15W) or 6 Boosted ports(30W) configuration
- Test with Ethernet traffic injection can be performed
- Board can be controlled from PC via parallel port

Description

The STE12PS evaluation board (STE12PSEVAL) allows the user to test and analyze the STE12PS capability fully integrated in a PSE system.

The board realizes a 12 ports PSE system using the ST12PS device.

The board can work fully autonomously (AUTO mode) or can be monitored and controlled using I2C commands generated by the supplied software.

The STE12PSEVAL is connected to the users PC via a parallel port.

Kit contents

The STE12EVAL contains the following items:

- STE12PSEVAL board
- CD with STE12PS I2C controller GUI and the technical documentation
- Parallel cable



Technical documentation

The following technical documentation is available

- For STE12PS
 - STE12PS – Datasheet
 - UM0301 – STE12PS register description
- STE12PS rev2 evaluation board
 - UM0305 – Board user manual
 - UM0307 – I2C controller GUI user manual

Ordering information

Table 1. Order codes

Part number	Description
STE12PSEVAL	Evaluation board

Revision history

Table 2. Document revision history

Date	Revision	Changes
24-Nov-2006	1	Initial release.

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