Product Brief

Never stop thinking

TLE4998 Evaluation Kit

Programmer tool & software for TLE4998

THE TLE4998 FAMILY of high precision linear Hall sensors is available with Pulse Width Modulation (PWM), Single Edge Nibble Transmission (SENT) as well as Short PWM Code (SPC) interface and offers various programmable parameters. In order to get a first impression of the sensor's performance, the TLE4998 evaluation kit is available including all necessary hard- and software to interface and program the sensor according to your needs.

The evaluation kit comes with the PGSISI programmer hardware and a PCB board with sockets accommodating two TLE4998 sensors. The programmer is interfaced through a standard USB or a RS232 serial connection to any PC running with a Windows operating system. The software delivered with the evaluation kit allows to read the output values from the sensor and perform all relevant programming steps including entering the parameters for temperature compensation and doing a two point calibration.

Together with your magnetic setup, the evaluation kit allows to appraise the performance of the TLE4998 in terms of flexibility, accuracy and temperature stability.

Kit contains

- PGSISI programmer hardware box
- PCB board with sockets for two TLE4998 sensors
- Sample TLE4998 sensors
- 24V DC power supply
- USB and RS232 connection cables
- Installation CD with programmer software, necessary drivers and application notes
- Quick start guide

Requirements

- PC running Windows environment
- External magnetic setup for magnetic evaluation

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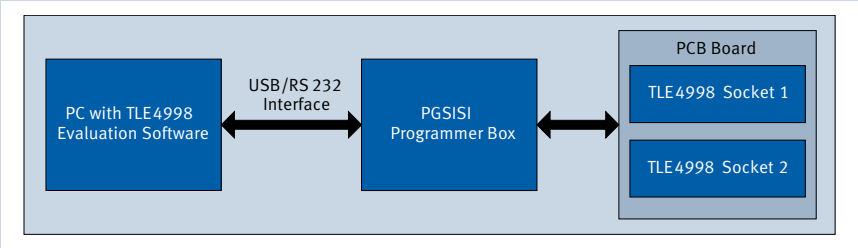
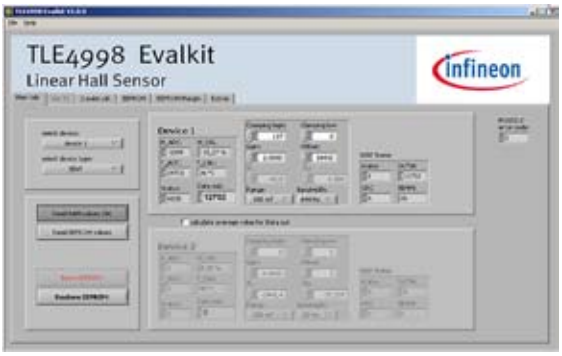


Block diagram

The evaluation kit establishes a direct connection between the PC and up to two TLE4998 sensors.



Software Features

- Manual setup of all programmable parameters
- Guided setting of temperature compensation coefficients
- Automatic gain and offset calculation for two point calibration
- Real time feedback of sensor registers
- Burn and erase functionality for EEPROM memory

This evaluation kit works for		
TLE4998P3	TLE4998S3	TLE4998C3
TLE4998P4	TLE4998S4	TLE4998C4

Product Summary

Product Name	Description	Ordering Code
TLE4998 Evaluation Kit	Evaluation Kit including PGSISI programmer box, PCB board, Software CD	SP000425300

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Published by
Infineon Technologies AG
81726 Munich, Germany

Published by Infineon Technologies AG

Order Number: B142-H9258-X-X-7600