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TLE5501 EVALKIT

Overview

Parametrics

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Support

TMR based angle sensor

Description:

The EvalKit consists of:

- an Infineon XMC1100 BootKit (microcontroller)
- the TLE5501_EVAL_SHIELD which can be plugged onto the BootKit
- a "magnetic knob" that can be mounted on top of the shield

The TLE5501 Angle Shield has to be plugged onto the BootKit. Care has to be taken that the pins are correctly aligned. The TLE5501 sensor is soldered on the shield in a "breakout" area that can be easily broken of the shield and used in another application if needed. The shield has mounting holes for a magnetic knob that can be used to demonstrate the functionality of the sensor. The shield has also a voltage buffer available on board, and the output of the sensor can be optionally buffered by selecting the correct DIP switch settings.

Designers who used this product also designed with

Parametrics

Parametrics	TLE5501 EVALKIT
Applications	Automotive ; Automotive ASIL
Configuration	TLE5501
Family	Angle Sensor
Product Description	The EvalKit consists of an Infineon XMC1100 BootKit (microcontroller), the TLE5501 angle shield which can be plugged onto the BootKit and of a "magnetic knob" that can be mounted on top of the shield
Target Application	Automotive / Automotive ASIL

Documents

+ Expand all

Order

Sales Product Name	TLE5501 EVALKIT
OPN	TLE5501EVALKITTOBO1
Product Status	active and preferred
Package name	--
Order online	
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY

Tools & Software

Support

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技术支持中心 (TAC)

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— Find an answer to your question

Please state your question (with at least 3 words)

FAQ

1. Is the PGSISI kit recommended for angle sensors? [CN]
2. TLE5012B: Where is the active sensor area located in the package? [CN]
3. Does the sensors (TLE5012B /TLE5014) need an external clock signal ? Could a crystal oscillator be [CN]
4. Which SIL level does TLE5012B have? [CN]
5. What is the maximum readable RPM for the TLE5012B? [CN]
6. Is it possible to order TLE5012B E1000 factory configured in 10bit mode, (IFAB_RES bit 4:3 set to 1 [CN]

+ Submit a request to the Technical Assistance Center

+ Ask our community for support

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