

TLI4970050 2 GO KIT

Overview ^

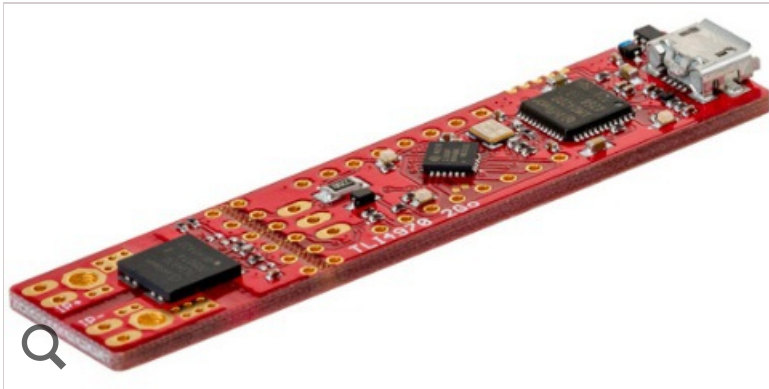
Description:

The Current Sensor 2GO is a budget-priced evaluation board equipped with a current sensor combined with an ARM® Cortex™-M0 CPU. The Current Sensor 2GO has a complete set of on-board devices, including an on-board debugger. Build your own application and gadget with the Current Sensor 2GO.

More information and free downloads at [Sensors 2GO \(/cms/en/product/promopages/sensors-2go/\)](#).

Summary of Features:

- TLI4970-D050T4 (current sensor with digital interface)
- XMC1100 (ARM® Cortex™-M0 based)
- On-board J-Link Lite Debugger (Realized with XMC4200 Microcontroller)
- Power over USB (Micro USB), ESD and reverse current protection
- GUI for free download in -32-bit or -64-bit



Parametrics v

Parametrics	TLI4970050 2 GO KIT
Accuracy	1.6 %
Current Range	50.0 A
Diagnosis	OCD, OL, OT, HW, COM
Interfaces	USB/SPI
Isolation U_{IORM}	600.0 V
Supply Voltage	3.1-3.5

UL/CSA certified

CSA

Documents



+ Expand all

+ Product Brief



TLI4970 Current Sensor Family (/dgd/Infineon-Infineon-TLI4970_Current_Sensor_Family-PB-v04_00-en-PB-v04_00-EN.pdf?fileId=5546d4624eeb2bc7014ef855cfc96ef4)
> EN (/dgd/Infineon-Infineon-TLI4970_Current_Sensor_Family-PB-v04_00-en-PB-v04_00-EN.pdf?fileId=5546d4624eeb2bc7014ef855cfc96ef4) 04_00 | 2015-08-04 | pdf | 295 KB

+ Application Notes



Current Sensor 2 GO - Quick Instruction Guide (/dgd/Infineon-Current Sensor 2 GO - Quick Instruction Guide V2.0-AN-v02_00-EN.pdf?fileId=5546d462518ffd850151a631ba6f12eb)
> EN (/dgd/Infineon-Current Sensor 2 GO - Quick Instruction Guide V2.0-AN-v02_00-EN.pdf?fileId=5546d462518ffd850151a631ba6f12eb) 02_00 | 2015-12-15 | pdf | 2.3 MB



How to do Volatile Filter Settings for Current Sensor - TLI4970 (/dgd/Infineon-How to do Volatile Filter Settings for TLI4970 V1.1-AN-v01_01-EN.pdf?fileId=5546d462518ffd850151a6286b4a12cb)
> EN (/dgd/Infineon-How to do Volatile Filter Settings for TLI4970 V1.1-AN-v01_01-EN.pdf?fileId=5546d462518ffd850151a6286b4a12cb) 01_01 | 2015-12-15 | pdf | 734 KB



How to programme Current Sensor TLI4970 (/dgd/Infineon-How to program TLI4970 V1.1-AN-v01_01-EN.pdf?fileId=5546d462518ffd850151a628615012c3)
> EN (/dgd/Infineon-How to program TLI4970 V1.1-AN-v01_01-EN.pdf?fileId=5546d462518ffd850151a628615012c3) 01_01 | 2015-12-15 | pdf | 764 KB

+ Presentations



Current Sensor TLI4970 Family Overview (/dgd/Infineon-Infineon-Current_Sensor_Customer_Presentation_TLI4970-v01_01-en-PP-v01_01-EN.pdf?fileId=5546d4624eeb2bc7014ef85efb796f1e)
> EN (/dgd/Infineon-Infineon-Current_Sensor_Customer_Presentation_TLI4970-v01_01-en-PP-v01_01-EN.pdf?fileId=5546d4624eeb2bc7014ef85efb796f1e) 01_01 | 2015-08-04 | pdf | 661 KB





Order



Sales Product Name	TLI4970050 2 GO KIT
OPN	TLI49700502GOKITTOB01
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


Boards

Board 	Family 	Description 	Status 
TLI4970050 2 GO KIT (/cms/en/product/sensor/magnetic-current-sensor/tli4970050-2-go-kit/)			active and preferred

Tools & Software

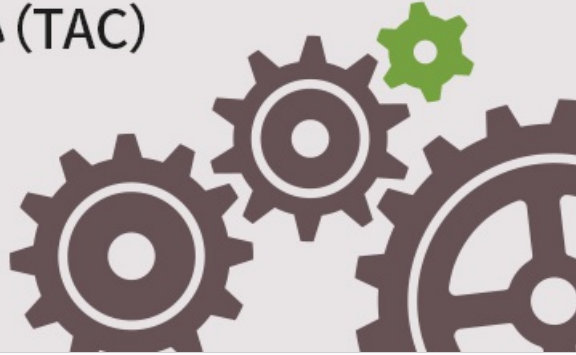
+ Firmware

 V2.0.1 - GUI for Current Sensor 2GO - 32-bit (/dgd/Infineon-V2.0.1 - GUI for Current Sensor 2Go - 32-bit OS-FW-v02_01-EN.msi?fileId=5546d46254e133b401553007aacc6bd0)
 > EN (/dgd/Infineon-V2.0.1 - GUI for Current Sensor 2Go - 32-bit OS-FW-v02_01-EN.msi?fileId=5546d46254e133b401553007aacc6bd0) 02_01 | 2016-06-08 | msi | 27 MB

 V2.0.1 - GUI for Current Sensor 2Go - 64-bit (/dgd/Infineon-V2.0.1 - GUI for Current Sensor 2Go - 64-bit OS-FW-v02_01-EN.msi?fileId=5546d46254e133b401553007b2b26bd4)
 > EN (/dgd/Infineon-V2.0.1 - GUI for Current Sensor 2Go - 64-bit OS-FW-v02_01-EN.msi?fileId=5546d46254e133b401553007b2b26bd4) 02_01 | 2016-06-08 | msi | 27.6 MB

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Last Name*

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Company*

Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

Please post your technical question as detailed as possible*

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