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TLE986X EVALB_JLINK

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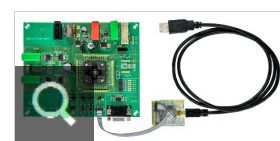
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Description:

The TLE986X EVALB_JLINK offers complete evaluation of all functions and peripherals of the TLE986x product family and allows direct connection to a DC motor via MOSFETS in H-Bridge configuration, it includes: H-Bridge for DC motor drive, UART and LIN for communication, direct access to all device I/Os and a J-Link debugger. The respective TLE986x product has to be ordered separately.



Diagrams

Parametrics

Parametrics	TLE986X EVALB_JLINK
Configuration	Specific TLE986x devices to be selected in addition
Family	Motor Driver ; Microcontroller
Input Type	DC
Output Voltage min max	14.0 V 12.0 V 16.0 V
Product Description	The TLE986X EVALB_JLINK offers complete evaluation of all functions and peripherals of the TLE986x product family and allows direct connection to a DC motor via MOSFETS in H-Bridge configuration, it includes: H-Bridge for DC motor drive, UART and LIN for communication, direct access to all device I/Os and a J-Link debugger. The respective TLE986x product has to be ordered separately.
Product Name	TLE986x Evaluation Board JLINK
Qualification	Automotive
Supply Voltage min max	12.0 V 5.5 V 28.0 V

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Parametrics	TLE986X EVALB_JLINK
Target Application	Motor Control & Drives ; Automotive
Topology	2-Phase Motor ; H-Bridge Driver
Type	Evaluation Board


Documents

[+ Getting Started](#)

Order









Sales Product Name	TLE986X EVALB_JLINK
OPN	TLE986XEVALBJLINKTOBO1
Product Status	on request
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

Image	Board ▼▲	Family ▼▲	Description ▼▲	Status ▼▲
	TLE9869 EVALKIT	Motor Driver, Microcontroller	<p>The TLE9869 EvalKit offers complete evaluation of all functions and peripherals of the TLE9869QXA20 and allows direct connection to a DC motor via MOSFETS in an H- Bridge configuration, it includes: H-Bridge for DC motor drive, UART and LIN for communication, direct access to all device I/Os and a J-Link debugger.</p> <ul style="list-style-type: none"> TLE9869QXA20 	active and preferred

Tools & Software


Infineon Embedded Power ICs are supported by a complete development tool chain provided by Infineon and third party vendors. The tool chain includes compilers, debuggers, evaluation boards, LIN low level drivers and configuration tools as well as variety of example software code.

Toolchain Installation Steps	Company	Description
 <p>Download and install Keil µVision5</p>		<ul style="list-style-type: none"> Arm Keil µVision is an integrated development environment which consists of code editor, compiler and debugger.
 <p>Download ConfigWizard</p>		<ul style="list-style-type: none"> Infineon provides the ConfigWizard which is designed for configuration of chip modules. ConfigWizard supports easy configuring of ePower peripherals. <p>Download link will be provided after registrattion. Please follow the link: ConfigWizard</p>
 <p>Download and Install Segger J-Link driver</p>		<ul style="list-style-type: none"> SEGGER J-Link is a widely used driver for “on-board” or “stand-alone” debugger.
 <p>Download the SDK via µVision 5 Pack Installer (see step 1)</p>		<ul style="list-style-type: none"> The ePower Software Development Kit (SDK) is a low level driver library which can be downloaded within “Keil µVision” via the “Pack Installer”.

+ Development Tools

Support

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Technical Assistance Center
技术支持中心 (TAC)



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Find an answer to your question

FAQ

1. iMOTION - ServoDesigner [CN] [DE]

2. Alu bond wire - TOLL MOSFET [CN] [DE]

3. TLE 4205G XUMA1 [CN] [DE]

4. iMOTION energy saving [CN]

5. Radar chips [CN] [DE]

6. Technical Support [CN] [DE]

Technical Assistance Center (TAC)

Infineon welcomes your comments and questions.

If you have any questions concerning our products, please fill out the following form. Your inquiry will be sent to the appropriate specialist who will be in touch with you as soon as possible.

You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

First Name*

Last Name*

E-Mail*

Phone

Company*

Company website (URL)

Industry*

[please select]

Other Industry

Country / Territory*

[please select]

Preferred Distributor /
Reseller*

[please select]

Other Distributor /
Reseller

Product Name*

TLE986X EVALB_JLINK

Estimated annual
production volume
(pieces) per year*

[please select]

Please post your technical
question as detailed as
possible*

I agree to the processing
of my personal data
according to the

☐

[privacy policy](#).*

I agree [Infineon](#) ☐
providing me newsletters
and further marketing
information about
Infineon products,
services & events by email
and/or telephone and
transmitting my data to its
licensed [distributors](#) &
[partners](#) exclusively for
sales support purpose. I
can withdraw my consent
at any time.



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



















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Support forum

Microcontroller

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	Microcontroller Forum Microcontroller Forum	 Threads: 2,968 Posts: 9,865		How to start two PWM002 at...  by Fethi Today, 03:00 AM
	 XMC Forum	 Threads: 2,122 Posts: 7,620		How to start two PWM002 at...  by Fethi Today, 03:00 AM
	 XC800 Forum	 Threads: 74 Posts: 238		Sdcc 3.8.0 rc1  by spth Sep 17th, 2018, 12:51 PM
	 XE166/XC2000 Forum	 Threads: 168 Posts: 500		XE169H ADC Limit Checking  by Taha Aug 10th, 2018, 02:56 AM
	 TriCore Forum	 Threads: 448 Posts: 1,187		MCDS Trace Viewer  by pcm910 Sep 29th, 2018, 12:46 AM
	 32-bit Embedded Power ICs based on ARM Cortex-M Infineon Embedded Power ICs are specifically designed to enable mechatronic motor control solutions for a range of motor control applications, where a small package form factor and a minimum number of external components are essential. Our System-on-Chip solutions offer an unmatched level of integration of all functions required to sense, control and actuate a motor.	 Threads: 32 Posts: 125		TLE987x bridge driver current...  by Lykaon Yesterday, 01:23 AM
				Last Post
	DAVE™ Forum DAVE™ Forum	 Threads: 1,441 Posts: 5,544		PWM phase shift  by Fethi Sep 27th, 2018, 09:42 AM
				Last Post
	NovalithIC/TrilithIC NovalithICTM/TrilithICTM provides a complete low-ohmic-protected half-bridge/H-bridge in a single package. The product can be used as the interface between the microcontroller and the motor, equipped with diagnostic and protection functions. Due to the flexibility of the concept, they can address both DC and BLDC motors.	Threads: 5 Posts: 5		Product Infomation  by Jing.N Jul 2nd, 2018, 08:33 AM
	 NovalithIC(Automotive)	 Threads: 2 Posts: 2		Frequently asked questions  by Jing.N Jul 2nd, 2018, 08:25 AM
	 TrilithIC(Automotive)	 Threads: 2 Posts: 2		Frequently asked questions  by Jing.N Jul 2nd, 2018, 06:53 AM
	 IFX007T(Industry)	 Threads: 1 Posts: 1		Product Infomation  by Jing.N Jul 2nd, 2018, 08:33 AM

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	POWER MOSFET Infineon's whole range of power MOSFETs and systems enable innovation and performance in your application, like switch mode power supplies (SMPS), computing, motor control and drives, consumer, mobile devices, lighting solutions, automotive and more.	 Threads: 91 Posts: 208	Alternative to AUIRS20302S... by tiago.santos Sep 20th, 2018, 05:45 AM
Last Post			
	Applications Applications	 Threads: 49 Posts: 132	Motor Control with... by dagern Sep 14th, 2018, 01:15 AM
	 iMOTION™ MADK Platform Complete and scalable system solution for motor drives. Get a Motor running in less than 1 hour with a compact and flexible 3-phase motor drive evaluation platform with controller & IPM, sensorless or optional with sensors.	 Threads: 17 Posts: 41	Motor Control with... by dagern Sep 14th, 2018, 01:15 AM

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