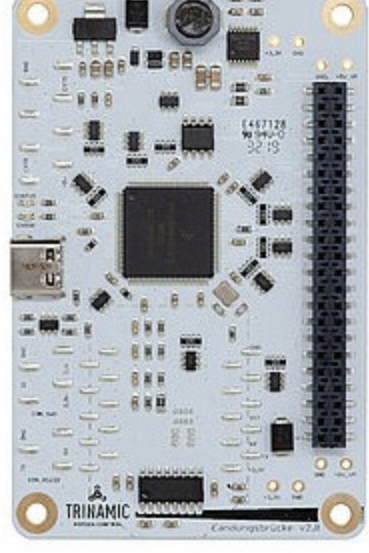


Evaluation Kits

Landungsbruecke

Request sample



The Landungsbruecke is the connection between your desktop computer and Trinamic's Chip solutions. Just connect the desired board combination and start to discover Trinamic's unique features.

The heart of the Landungsbruecke is a Freescale MK20 cortex M4 processor. A single firmware design covers all evaluation boards of the Trinamic evaluation system. Users can download the latest revisions, modify the firmware or create your own and easily update it via USB. The code of the Landungsbruecke is open source for download.

Please note that all official firmware releases can be downloaded below. However, we also release nightly build versions on our GitHub page, which you can find here:

Trinamic GitHub

Technical Details Drawings Software

Technical Details



Landungsbruecke

Status	active
Motor Supply	7...70V
Phase Current, RMS	
Microsteps	
PWM	
RS232	
SPI	
Step/Dir	
UART	
USB	

Downloads

Drawings

File	Type	Size	Date
Schematics and PCB Drawings V2.0		5.0 MB	Jan 18, 2022, 3:13 PM
ECAD KICAD Files V2.0		1.2 MB	Feb 13, 2020, 8:40 AM
Gerber Files V2.0		980 KB	Feb 13, 2020, 8:40 AM
Schematics and PCB Drawings V1.2		500 KB	Feb 13, 2020, 9:08 AM
EAGLE Files V1.2		150 KB	Nov 8, 2016, 12:38 PM
Gerber Files V1.2		260 KB	Nov 8, 2016, 12:38 PM
3D Files		7.1 MB	Jun 12, 2020, 12:46 PM

Software

File	Type	Size	Date
Firmware for TMC846x products		71 KB	Oct 30, 2018, 2:11 PM
Nightly build Firmware for TMC2226, TMC2300, TMC6140, TMC6300, TMC7300			
Firmware V3.07		420 KB	Jan 13, 2020, 10:36 AM
Firmware V3.06		390 KB	Apr 11, 2019, 12:09 PM
Firmware V3.05		410 KB	Oct 16, 2018, 2:17 PM
Firmware V3.04		400 KB	Sep 13, 2018, 12:28 PM
Firmware V3.03		370 KB	Apr 17, 2018, 7:55 AM
Firmware V3.02		370 KB	Dec 12, 2017, 10:40 AM
TMC-EVAL.inf		3.3 KB	Nov 8, 2016, 12:39 PM
Bootloader V1.0		37 KB	May 18, 2021, 7:14 AM

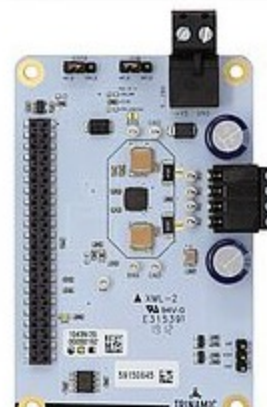
Related Products



Eselsbruecke

The Eselsbruecke is a connector board for Trinamic's evaluation board system. With probes on the "Eselsbruecke" bridge board, all signals between MCU and corresponding evaluation board are accessible. Therefore, it allows quick

Details



TMC2209-EVAL

The TMC2209-EVAL allows you to explore all functions of the TMC2209-LA. The TMC2209-EVAL-KIT is a set of one MCU board Landungsbrücke, one Eselsbrücke bridge board and one TMC2209-EVAL driver board. It allows for a quick and

Details



TMC2300-EVAL

The TMC2300-EVAL allows you to explore all functions of the TMC2300-LA. The TMC2300-EVAL-KIT is a set of one MCU board Landungsbrücke, an Eselsbrücke bridge board and one TMC2300-EVAL driver board. It allows for a quick and

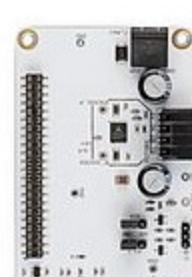
Details



TMC5160-EVAL

The TMC5160-EVAL allows you to explore all functions of the TMC5160-TA. The TMC5160-EVAL-KIT is a set of one MCU board Landungsbrücke, an Eselsbrücke bridge board and one TMC5160-EVAL driver board. It allows for a quick and

Details



TMC2130-EVAL

The TMC2130-EVAL allows you to explore all functions of the TMC2130. The TMC2130-EVAL-KIT is a set of one MCU board Landungsbrücke, an Eselsbrücke bridge board and one TMC2130-EVAL driver board. It allows for a quick and

Details

Need Support?

From basic questions to complex issues, our experts help you find the right solution. Use the technical support form and tell us what you need to get moving.

Technical Support



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