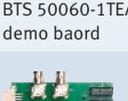




Board Name	Products	Description	Order No.
For Microcontroller, RF & Protection Devices and Wireless Control boards please see the appropriate chapter.			
 HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10mΩ at 25°C). This board enables easy startup and connectivity for the new power HITFET™ BTS 3256D. Enables easy read out of digital status via LED, and easy slew rate change via variable resistor on board.	Demoboard BTS3256D
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7231G TLE 7233G Multi-channel switch	SPI Driver for Enhanced Relay Control (SPIDER). This board is designed to interface with the universal body control module system evaluation tool.	Demoboard TLE7231G/7233G
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7234EM TLE 7234SE TLE 7237SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7234SE and TLE 7237SL.	Demoboard TLE7234/7237
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7235EM TLE 7235SE TLE 7238SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7235SE and TLE 7238SL.	Demoboard TLE7235/7238



Board Name	Products	Description	Order No.
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	<p>TLE 7236EM TLE 7236SE TLE 7239SL</p> <p>Multi-channel switch</p>	<p>The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE 7239SL.</p>	Demoboard TLE7236/7239
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	<p>TLE 7240SL TLE 7243SL TLE 7244SL</p> <p>Multi-channel switch</p>	<p>The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7240SL, TLE 7243SL and TLE 7244SL.</p>	Demoboard TLE724XSL
 <p>BTS 50015-1TAA demo board</p>	<p>BTS50015-1TAA</p> <p>PowerPROFET</p>	<p>To test one or two devices (in parallel); Board can be connected to PowerEasyKit; diagnosis and controlling either directly on the board or by graphical user interface via PowerEasyKit</p>	Demoboard BTS50015-1TAA
 <p>BTS 50060-1TEA demo board</p>	<p>BTS 50060-1TEA</p> <p>High-side switch</p>	<p>For quick-starting into lab evaluation of PROFET™ BTS 50060-1TEA high-side switch. This demo board can drive two parallel loads, such as PTC heaters, glow plugs, seat heating in 12V DC applications. The board provides overtemperature, overload and short circuit protection, as well as detection of open load or short-to-battery. Load current can be measured accurately up to 60A. The board can be used stand-alone, but also in combination with Power Easy Kit for quick start of software evaluation.</p>	Demoboard BTS50060-1TEA
 <p>BTF 50060-1TEA demo board</p>	<p>BTF 50060-1TEA</p> <p>High-side switch</p>	<p>For quick-starting into lab evaluation of Speed PROFET™ BTF 50060-1TEA. This demo board can drive two parallel 12V BDC motors, pumps, valves, or actuators etc. in a setup as a high-side switch with freewheeling diode. The board is capable of 25kHz PWM operation (and above). It provides overtemperature, overload and short circuit protection, as well as detection of open load or short-to-battery. Also, basic EMC filtering on supply line is included. Load current can be measured accurately up to 60A. The board can be used stand-alone, but also in combination with Power Easy Kit for quick start of software evaluation.</p>	Demoboard BTF50060-1TEA
 <p>HIC-PROFET™</p>	<p>BTS 500x0-1EGA</p> <p>High-side switch</p>	<p>For a quick start to lab evaluation, this demo board drives loads such as heating, glow plugs or lamps in 12V DC applications. It uses two devices from the BTS 500x0-1EGA product family, which can be used in parallel but also to drive two independent loads. The board can be used on a stand-alone basis, but also in combination with the power easy kit for a quick start to software evaluation.</p>	<p>Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA</p>
 <p>PROFET™+ demo board</p>  <p>PROFET™+ demo board</p>	<p>BTS 5020-2EKA BTS 5030-2EKA BTS 5045-2EKA BTS 5090-2EKA BTS 5120-2EKA BTS 5180-2EKA</p> <p>High-side switch</p>	<p>This demo board is designed to handle all devices within the PROFET™+ family. It provides the complete external circuitry and testpins for a fully functional setup. Additional functions like internal voltage generation for input pins and the possibility to connect more than one demo board for a test set-up are included. The demo board comes with a daughterboard that holds the BTS 5020-2EKA which can be replaced by daughterboards of other PROFET™+ devices .</p>	Demoboard PROFET™+
 <p>Basic buck converter</p>	<p>TLE 8366</p> <p>DC/DC converter</p>	<p>This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.</p>	Demoboard TLE8366

Board Name	Products	Description	Order No.
 Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5V or adjustable output voltage, maximum of 2.3A output current, low quiescent current.	Demoboard TLE6389-2GV
 Embedded power/ smart relay driver IC	TLE 7810 TLE 7824 TLE 7826 Embedded power	The kit contains two boards, a TLE 7826G evaluation board together with a PCLIN programming and LIN interface card, documentation, software and tools. This enables you from simply playing with the device (without any software development) to developing your own software application (2kB limited Keil IDE).	Demoboard TLE7826
 CAN-LIN transceivers	TLE 6250G TLE 6251G TLE 6251DS TLE 8250 Transceiver	Basic control unit to generate CAN-, LIN- and FlexRay datastreams. Plug & play, ready to use system to build up complete CAN-, LIN-, and FlexRay networks. Additional software examples are provided to allow timing measurements and to verify signal integrity.	CAN-LIN Universal Demoboard
 Triple half-bridge driver	TLE 6208-3G Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC contains 3 half-bridge outputs. It provides access to all inputs and outputs with standard 4mm jacks. PC software is provided.	Demoboard TLE6208-3G SP000427042
 Hex half-bridge driver	TLE 6208-6G Multi half-bridge driver	Designed specifically for automotive (climate control flap drive) and industrial motion control applications. The IC contains 6 HSS channels and 6 LSS channels and can be used as a freely configurable switch, half bridge or H-bridge driver. It provides access to all inputs and outputs with standard 4mm jacks.	Demoboard TLE6208-6G SP000427044
 2-phase stepper motor driver IC	TLE 4729G Stepper driver	The TLE 4729G is designed specifically for automotive stepper motor applications such as automatic head beam leveling, idle speed control, etc. The device offers peak current control with fixed frequency (current chopper) of up to half step modes where the target current is set up by an external sense resistor, R_{sense} .	Demoboard TLE4729G SP000427040
 Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver IC family	The TLE 8444SL is designed specifically for automotive applications such as idle speed control. The device is suitable to drive stepper motors requiring voltage control or DC motors.	Demoboard TLE8444SL SP000637312
 NovalithIC™ H-bridge	BTN 793xB BTN 796xB BTN 797xB Half-bridge	Contains two of our NovalithIC™ components in a typical H-bridge configuration including peripheral components and reverse polarity protection. The board is suitable for all members of the NovalithIC™ family (BTN 79XXB).	Demoboard BTN7930B Demoboard BTN7933B Demoboard BTN7960B Demoboard BTN7963B Demoboard BTN7970B Demoboard BTN7971B Demoboard BTN7973B
 3-phase motor driver	TLE 7183F 3-phase gate driver	This evaluation kit is designed to demonstrate the performance of the TLE 7183F 3-phase motor driver. Typical applications are cooling fans, water pumps, electrohydraulics and electric power steering. The TLE 7183F is designed for a 12V power net.	Demoboard TLE7183F REV. 1.0



Board Name	Products	Description	Order No.
 H-bridge for DC-motor applications	TLE 8209-2SA H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-2SA, a monolithic IC for driving DC motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-2SA features four selectable current ranges, two selectable slew rate settings and extensive diagnosis via SPI. The device monitors the digital supply voltage V_{DD} and shuts down the output stages in case of V_{DD} over- or undervoltage, thus providing a safe switch-off path in case of malfunction of the digital control circuitry.	Demoboard TLE8209-2SA
 Constant current control IC	TLE 7241E Constant current control IC	This evaluation kit is designed to demonstrate the performance of the TLE 7241E, a 2-channel, low-side constant current driver with programmable current, dither amplitude, dither frequency and slew rate. Best suited for transmission applications using proportional valves.	Demoboard TLE7241E Evaluation kit
 TLE 4997x Programmer kit	TLE 4997x Linear Hall sensor	The kit consists of a PGSISI box (programming interface) and an evaluation board which allows evaluation of the linear Hall TLE 4997 family. The evaluation board (PCB) is available separately (without PGSISI box).	TLE4997x Programmer kit SP000439708 TLE4997 Evalboard SP000875086
 TLE 4998x Programmer kit	TLE 4998x Linear Hall sensor	The kit consists of a PGSISI box (programming interface) and an evaluation board which allows evaluation of the linear Hall TLE 4998 family. The evaluation board (PCB) is available separately (without PGSISI box).	TLE4998x Programmer kit SP000425300 TLE4998 Evalboard SP000875090
 TLE 5011 Evalkit	TLE 5011 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available separately (without PGSISI box).	TLE5011 Evalkit SP000634330 TLE5011 Evalboard (PCB) SP000634322
 TLE 5012 Evalkit	TLE 5012 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available separately (without PGSISI box).	TLE5012 Evalkit SP000634334 TLE5012 Evalboard (PCB) SP000634326
 USB pressure-sensor stick	KP 12x Pressure sensor	KP 12x sensor stick with internal KP 125 sensor. The KP MAP/ BAP demonstrator is an easy and ready to use tool to discover the capabilities of the Infineon KP pressure sensor family. The required software and promotional material is included in the integrated memory stick and can be downloaded right away. All features are implemented in a USB stick with a graphical user interface to manipulate and evaluate the sensor behavior.	KP MAP/BAP Demonstrator SP000463010 KP Demo pressure coupling SP000534842 KP Extension board SP000534838
 EVAL 2X8-ISO1H801G	ISO 1H801G ISOFACE™ Isolated high-side driver	Coreless transformer isolated high-side 8-bit parallel data interface for 5V input providing fully protected power switches and handling currents up to 625mA.	EVAL 2X8-ISO1H801G
 EVAL 2X8-ISO1H802G	ISO 1H802G ISOFACE™ Isolated high-side driver	Coreless transformer isolated high-side 8-bit serial data interface for 5V input providing fully protected power switches and handling currents up to 625mA.	EVAL 2X8-ISO1H802G