



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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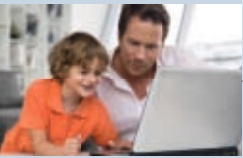
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Evaluation boards for Automotive, Industrial and Multimarket Applications 2010



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Design-in made easy with our evaluation boards










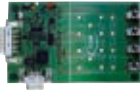
WITH OUR BROAD RANGE of products and solutions, we have the perfect fit for just about any automotive, consumer, communication or industrial application. Because we are determined to deliver best-in-class technical support for our customers, we complement our product offering with a wide selection of supporting hardware, software and evaluation boards.

THESE EVALUATION BOARDS ARE an invaluable design tool. They showcase the most cost-effective and innovative solution for your particular design challenge at a glance. In addition, they simplify and speed up design-in thanks to pre-configured hardware. Similar to bills of material, application-oriented overviews of possible product combinations further enhance the design process.






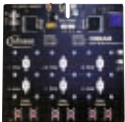




THIS BROCHURE GIVES YOU a complete overview of our evaluation board offering, showing you how these boards benefit your design effort in a number of ways.










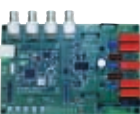




Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, transceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
 HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ 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 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
 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
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL 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 7236SE and TLE 7239SL.	Demoboard TLE7236/7239
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL 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 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
 HIC-PROFET™	BTS 500x0-1EGA High-side switch	For a quick start to lab evaluation, this demoboard drives loads such as heating, glow plugs or lamps in 12 V DC applications. It uses two devices from the BTS 500x0-1EGA product family, which can be used in parallel and also to drive two independent loads. The board can be used on a stand-alone basis, but also in combination with power easy kit for quick start of software evaluation.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA
 PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0
 PROFET™ demo kit		This board is part of the PROFET™ demo kit.	
 PROFET™ demo kit		This board is part of the PROFET™ demo kit.	









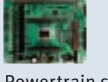
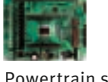




Board Name	Products	Description	Order No.
 SPOC (SPI Power controller for advanced light control)	BTS 5590GX	The universal body control module is intended to be used as a system evaluation board for several automotive power devices. It consists of a control unit and a power unit. The control unit is intended to control the power unit as well as to receive commands from a user interface. The power unit contains two BTS 5590GX for system evaluation purposes.	Demoboard BTS 5590GX
 BTS 5590GX demoboard	Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.	
 SPOC II - power easy kit	BTS 5662E BTS 5672E BTS 5682E	The SPOC II power easy kit is intended to be used as a system evaluation board for several automotive power devices like BTS 5662E, BTS 5672E and BTS 5682E. It consists of a control unit and power unit. The control unit is intended to control the power unit as well as receive commands from a user interface.	Demoboard BTS5672E BTS5682E
 Basic buck converter	TLE 8366	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 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
 Buck converter	TLE 6389-2GV	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
 LED driver demoboard	TLE 4309 TLE 4242G	This board is designed to demonstrate the performance of our linear LED driver TLE 4242G and TLE 4309G with Osram high brightness LEDs. It is possible to choose between the two drivers. A potentiometer allows the adjustment of the PWM duty-cycle for dimming the LEDs.	Demoboard TLE4242G LED driver/TLE4309
 Embedded power / smart relay driver IC	TLE 7810 TLE 7824 TLE 7826	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 (2 kB limited Keil IDE).	Demoboard TLE7826
 CAN-LIN transceivers	TLE 6250G TLE 6251G TLE 6251DS TLE 8250	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
 Powertrain system IC	TLE 8712EE	A smart 12-channel low-side switch with LVDS-based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8712EE
 Door module power IC	TLE 8201R	This evaluation kit is intended to provide first-hand experience of the door module power IC TLE 8201R which contains all the functions to drive power outputs within a door module, i.e. main lock, safe lock, mirror adjustment, mirror fold, mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software provided.	Demoboard TLE8201R



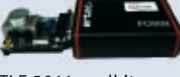
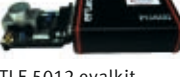
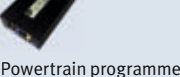


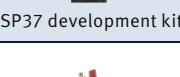

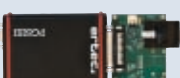


Board Name	Products	Description	Order No.
 Door module power IC	TLE 8203E Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the mirror IC TLE 8203E which contains all the functions to drive power outputs within a mirror control module, i.e. mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software is also included.	Demoboard TLE8203E
 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 4 mm jacks. PC software is provided.	Demoboard TLE6208-3G
 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 4 mm jacks.	Demoboard TLE6208-6G
 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
 Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver	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
 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 Motor 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 12 V power net.	Demoboard TLE7183F REV. 1.0
 H-bridge for DC-motor applications	TLE 8209-1 H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three 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 TLE8209-1
 Bridge for idle speed and throttle control	TLE 7209-2R H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.	Demoboard TLE7209-2R
 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



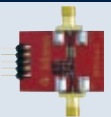
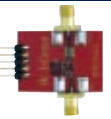











Board Name	Products	Description	Order No.
 Powertrain system IC	TLE 6288R Multi-channel switch	The TLE 6288R is a 6-channel smart multi-channel switch with embedded protection, diagnosis and configurable functions. Channels 1-3 are high-side switches with integrated charge pump and can be programmed to do autonomous peak and hold current regulation with PWM. Channels 4-6 can be configured as high-side or low-side switches. This IC can be used to drive loads in high-side or low-side applications with switching frequencies up to 10 kHz.	Demoboard TLE6288R
 Powertrain system IC	TLE 6244X Multi-channel switch	This evaluation board is designed to demonstrate the performance of the TLE 6244X. The application board is equipped with a 5 V linear voltage regulator U1 (TLE 4264G) that can be connected directly to 12 V (battery).	Demoboard TLE6244X
 Powertrain system IC	TLE 8110E Multi-channel switch	A smart 10-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered separately).	Demoboard TLE8110E
 Powertrain system IC	TLE 8112EE Multi-channel switch	A smart 12-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered separately).	Demoboard TLE8112EE
 Powertrain system IC	TLE 8510EE Multi-channel switch	A smart 10-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8510EE
 Powertrain system IC	TLE 8512EE Multi-channel switch	A smart 12-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8512EE
 Powertrain system IC	TLE 8710EE Multi-channel switch	A smart 10-channel low-side switch with LVDS-based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8710EE
 Powertrain system IC	TLE 8110SA Multi-channel switch	A smart 10-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered separately).	Demoboard TLE8110SA
 Powertrain system IC	TLE 8512SA Multi-channel switch	A smart 12-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8512SA
 Powertrain system IC	TLE 8712SA Multi-channel switch	A smart 12-channels low-side switch with LVDS based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered separately).	Demoboard TLE8712SA
 System basis chip	TLE 8264-2E, TLE 8264E TLE 8263-2E, TLE 8263E TLE 8262-2E, TLE 8262E TLE 8261-2E, TLE 8261E System basis chip	This universal demo board is intended to be used for a system evaluation board for the TLE 7263 system basis chip. The board allows the user to evaluate all the device features and functions as well as to quickly start the development of the application software. The evaluation kit consists of the power unit and the control unit (power easy kit - to be ordered separately). The graphical user interface allows for easy controlling and monitoring of the SBC via SPI (e.g. automatic watchdog triggering).	Demoboard TLE8264E V2.0
 System basis chip	TLE 7263 System basis chip	This universal demo board is intended to be used for a system evaluation board for the TLE 7263 system basis chip. Hermes system basis chip family. The board allows the user to evaluate all the device features and functions as well as to quickly start the development of the application software. The evaluation kit consists of the power unit and the control unit (power easy kit - to be ordered separately). The graphical user interface allows for easy controlling and monitoring of the SBC via SPI (e.g. automatic watchdog triggering).	Demoboard TLE7263E







Board Name	Products	Description	Order No.
 TLE 4997x board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
 TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
 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 TLE5011 Evalboard (PCB)
 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 TLE5012 Evalboard (PCB)
 Powertrain programmer kit	TLE 492x, TLE 498x Powertrain Hall sensor	Evaluation and programming tool for crankshaft (TLE 492x) and camshaft (TLE 498x) Hall sensors.	TLE498x Programmer Kit, SP000451572
 SP30 / SP30T development kit	SP30 Tire pressure sensor	The SP30 development kit allows software development for the tire pressure sensor SP30 as well as in-circuit debugging. The development kit includes an SP30 socket board and debugging hardware, SP30 / SP30T samples, an integrated software development environment, documentation and sample software.	SP30 DEVELP KIT TYPE 6 SP000434364 (with SP30 samples) SP30T DEVELP KIT TYPE 6 SP000434368 (with SP30T samples)
 SP37 development kit	SP37 Tire pressure sensor	The SP37 development kit enables evaluation of the entire feature set of the tire pressure sensor SP37, such as RF transmitter functionality and LF receiver functionality; additionally it allows software development and in-circuit debugging. The development kit includes the required evaluation hardware, SP37 devices, an integrated software development environment, documentation and a selection of sample software.	SP37-315-8 DEVELOP KIT SP000518282 (with 315 MHz transmitter) SP37-434-8 DEVELOP KIT SP000518286 (with 434 MHz transmitter)
 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 Demons- trator, SP000463010 KP Demo pressure Coupling, SP000534842 KP Extension board, SP000534838
 KP 106 kit	KP 106 Side airbag sensor	Evalkit for side airbag pressure sensors. The KP 106 evaluation kit for side airbag pressure sensors provides the possibility to evaluate the complete functionality of the KP 106 side airbag pressure sensor family. This includes voltage supply, an easy sensor insertion socket and signal conditioning. The calculated pressure values can be transmitted to the PC using the PGSISI adapter.	KP106 KIT, SP000367787
 Wireless control USB-UWLink	TDA 5150 SmartLEWIS™ TX Transmitter	USB stick for the transmitter TDA 5150 for 315/434/868/915 MHz and output power of 5/10 dBm.	TDA5150-USB- UWLink
 BFP 540ESD eval board	BFP 540ESD RF transistor	A low-cost, low-current broadband UHF low noise amplifier with the ESD-robust BFP 540ESD RF transistor.	BFP540ESD board
 BFP 460 eval board	BFP 460 RF transistor	A low-cost, low-noise amplifier for 315 and 434 MHz RKE applications using the ESD-robust BFP 460 RF transistor.	BFP460 board










Board Name	Products	Description	Order No.
 BFR 360L3 eval board	BFR 360L3 RF transistor	This board shows BFR 360L3 in different ISM-band applications. It is also available for BFR 340L3 and BFR 380L3. Please specify the applications and the transistor in your order.	BFR360L3 board
 BFR 460L3 eval board	BFR 460L3 RF transistor	This board shows the ESD-robust BFR 460L3 board in ISM and RKE applications, as well as wideband LNA. Please specify the applications in your order.	BFR460L3 board
 BFR 182 board	BFR 182 RF transistor	Low-cost RKE transmitter using BFR 182.	BFR182 board
 ESD 24VS2U board	ESD 24VS2U ESD & EMI protection	Evaluation board for ESD 24VS2U TVS, 2-channel unidirectional diode designed for ESD/transient protection on LIN/CAN-bus applications.	SP000417056
 Hybrid-Kit for HybridPACK™1	1ED020I12-FA HybridPACK™1 Power module	Complete inverter/DC-DC solution for applications up to 20 kW (Mild Hybrid) with IGBT module HybridPACK™1 (FS400R06KE3) 600 V/400 A, employing coreless transformer isolated driver (1ED020I12-FA) and overvoltage protection (active clamping). Possibility of different motor interfaces: encoder, GMR, resolver. Microcontroller board included based on 32-bit TC1767 (TriCore™ family)	SP000554548
 Hybrid-Kit for HybridPACK™2	6ED100HP1-FA 6ED100HP2-FA Power module	Complete inverter/DC-DC solution for applications up to 80 kW (Full Hybrid Electrical Vehicles) with IGBT module HybridPACK™2 (FS800R07A2E3) 650 V/800 A, employing coreless transformer isolated driver (1ED020I12-FA) and overvoltage protection (active clamping). Possibility of different motor interfaces: encoder, GMR, resolver. Microcontroller board included based on 32-bit TC1767 (TriCore™ family).	SP000554548
 6ED100HP2-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™2 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered separately.	SP000552868
 6ED100HP1-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™1 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered separately.	SP000521526
 Hybrid-Kit for HybridPACK™2	1ED020I12-FA Microcontroller	Complete inverter/DC-DC solution for applications up to 80 kW (Full Hybrid Electrical Vehicles) with IGBT module HybridPACK™2 (FS800R07A2E3) 650 V/800 A, employing coreless transformer isolated driver (1ED020I12-FA) and overvoltage protection (active clamp)	SP000635950
 KIT_AK_XC866_LIN_STEPPER	XC866 Microcontroller	XC866 LIN stepper motor kit: To jump start stepper motor design and provide an introduction to the Local Interconnect Network (LIN) protocol, Infineon offers the XC866 LIN stepper motor application kit.	KIT_AK_XC866_LIN_STEPPER
 Power Easy Kit XC2287	XC2287 Microcontroller	Combines microcontroller easy kit XC2287 with interface to other demo boards (to be ordered separately). Enables quick start for software evaluation for driving external power outputs placed demo boards plugged onto the power easy kit. This can be used as a universal body control module system evaluation tool.	Power Easy Kit



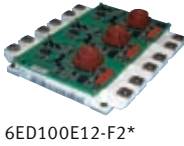






Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see “Microcontroller” category.	
 Embedded power / smart relay driver IC	TLE 7810 TLE 7824 TLE 7826 Embedded power	The kit contains two boards, a TLE 7826G evaluation board together 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 (2 kB limited Keil IDE).	Demoboard TLE7826
 Door module power IC	TLE 8201R Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the door module power IC TLE 8201R which contains all the functions to drive power outputs within a door module, i.e. main lock, safe lock, mirror adjustment, mirror fold, mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software provided.	Demoboard TLE8201R
 Door module power IC	TLE 8203E Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the mirror IC, TLE 8203E which contains all the functions to drive power outputs within a mirror control module, i.e. mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software is also included.	Demoboard TLE8203E
 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.	Demoboard TLE6208-3G



Board Name	Products	Description	Order No.
 Hex half-bridge driver	TLE 6208-6G Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC can be used as a half-bridge or H contains 3 half-bridge driver outputs. Bridge driver (3 half-bridge) for automotive applications (e.g. HVAC, mirror). It provides access to all inputs and outputs with standard 4 mm jacks. PC software is provided.	Demoboard TLE6208-6G
 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
 Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver	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
 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 12 V power net.	Demoboard TLE7183F REV. 1.0
 H-bridge for DC-motor applications	TLE 8209-1 H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three 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 TLE8209-1
 Bridge for idle speed and throttle control	TLE 7209-2R H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.	Demoboard TLE7209-2R









Board Name	Products	Description	Order No.
 7ED020E12-FI-W2*	FP35R12W2T4, 2ED020I12-FI EiceDRIVER™	Power stage for industrial IGBT drives using a PIM module in an Easy2B package containing three-phase input rectifier, brake chopper and inverter bridge using IGBT4 devices. Coreless transformer halfbridge IGBT drives are employed for gate control and protection.	7ED020E12-FI-W2_ EVAL SP000367466
 2ED100E12-F2*	EconoDUAL™3, 1ED020I12-F EiceDRIVER™	Driver board for EconoDUAL™3 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-F. IGBT module to be ordered separately.	2ED100E12-F2_ EVAL SP000405780
 6ED100E12-F2*	EconoPACK™+, 1ED020I12-F EiceDRIVER™	IGBT driver board for EconoPACK™+ IGBT modules, employing coreless transformer single-channel driver 1ED020I12-F. IGBT module to be ordered separately.	6ED100E12-F2_ EVAL SP0005055796
 2ED300E17-SFO*	2ED300C17-S EiceDRIVER™	This evaluation board for the 2ED300C17-S IGBT driver board may be used for all medium and high power IGBT modules up to 1700 V. Electrical as well as optical (optional) interfacing is provided. For some modules, complementary module adapters are available to connect to the module. Complementary module adapters to be ordered separately.	2ED300E17-SFO_ EVAL SP000355559
 MA300E12*	PrimePACK™2 PrimePACK™3	Adapter board containing additional booster stage suitable for driving 1200 V PrimePACK™ in single or parallel configuration. Operates together with 2ED300C17-SFO. Module to be ordered separately.	MA300E12_ EVAL SP000372039
 MA300E17*	PrimePACK™2 PrimePACK™3	Adapter board containing additional booster stage suitable for driving 1700 V PrimePACK™ in single or parallel configuration. Operates together with 2ED300C17-SFO. Module to be ordered separately.	MA300E17_ EVAL SP000355552
 KIT_AK_3PHASE_ DRIVE_V1	8-bit microcontroller XC886, CIPOS™ IKCS12F60AA, CoolSET™ ICE3B0565G	3-phase drive application kit: 0.75 kW power stage for consumer and industrial drives, XC886 motor control unit with molded CIPOS™ module and integrated AC/DC converter. Separately application kit for PMSM/BLDC and induction motors (110 and 220 V).	KIT_AK_3PHASE_ DRIVE_V1


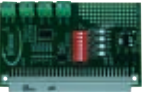


* Please remark that Industrial Power products are only available through our special distributors: Arihant (India), Comelec (Italy), Dabo (Korea), Dachs (Denmark), EBV (EMEA), Elecbiz (Taiwan), Eurotone (China), Hans Buch (Denmark), Jingchuan (China), Nisko (Israel), Symmetron (Russia)

In the Americas, please contact Infineon Tech. Industrial Power Inc., phone: #908-236-5600












Board Name	Products	Description	Order No.
 KIT_AK_XC800_FOC_V1	XC886 Drive kit	Field-oriented-control (FOC) evaluation kit based on XC886/888 including documentation, ready-to-use FOC software, compiler, debugger, USB-CAN interface, DAVE™ mother system and a 24 V PMSM motor.	KIT_AK_XC800_FOC_V1
 KIT_AK_BLDC_MDB_V1	XC866 Drive kit	Motor control demo kit for block commutation (20 ~ 45 V, 0 ~ 16 A) on BLDC motors.	KIT_AK_BLDC_MDB_V1
 KIT_AK_XC866_LIN_STEPPER	XC866 Drive kit	XC866 LIN stepper motor kit: To jump start stepper motor design and provide an introduction to the Local Interconnect Network (LIN) protocol, Infineon offers the XC866 LIN stepper motor application kit.	KIT_AK_XC866_LIN_STEPPER
 KIT_AK_DaveDrive_V3	XC886/888 family Drive kit	Scalable low voltage PMSM motor driver kit with DAVE™ Drive auto code generator. Uses the full power of Infineon microcontrollers, e.g. it generates optimized FOC code for XC878 using a vector computer and XE164 with MAC unit supporting single cycle 16 x 16bit multiplication and accumulation. This usually requires expert knowledge in both motor control and assembler programming.	KIT_AK_DaveDrive_V3
 BLDC (brushless DC) application kit	XC866 Drive kit	12 V BLDC application kit: pp to 20 A BLDC motor, inverter, MCU (XC866). Free compiler (SDCC) and debugger (HITOP). Tutorial videos demonstrating how to use the kit.	KIT_AK_XC866_BLDC
 FOC drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 – 56 V, 7.5 A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOSFETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Sensorless FOC of PMSM with XE164. Sensorless FOC of PMSM with XC878.	KIT_AK_FOCDRIVE_V1
 Dual motor drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 – 56 V, 7.5 A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOSFETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Simultaneous control of two PMSMs with sensorless FOC & digital PFC with XE164. Sensorless FOC & digital PFC with XC878. V/f control of ACIM for quick evaluation.	KIT_AK_2MOTORDRIVE_V1


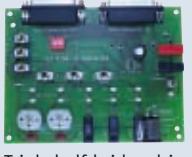
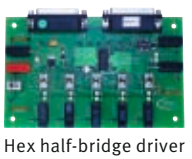

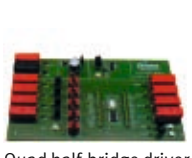



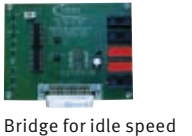


Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, transceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
 HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ 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 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
 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

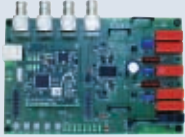






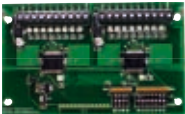


Board Name	Products	Description	Order No.	
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE 7239SL.	Demoboard TLE7236/7239	
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL 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 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL	
 HIC-PROFET™	BTS 500x0-1EGA High-side switch	For a quick start to lab evaluation, this demoboard drives loads such as heating, glow plugs or lamps in 12 V 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.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA	
 PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D High-side switch	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0	
 PROFET™ demo kit				This board is part of the PROFET™ demo kit.
 PROFET™ demo kit				This board is part of the PROFET™ demo kit.
 Basic buck converter	TLE 8366 DC/DC converter	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 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366	
 Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A 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 (2 kB limited Keil IDE).	Demoboard TLE7826	







Board Name	Products	Description	Order No.
 <p>CAN-LIN transceivers</p>	<p>TLE 6250G TLE 6251G TLE 6251DS TLE 8250</p> <p>Transceiver</p>	<p>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.</p>	<p>CAN-LIN Universal Demoboard</p>
 <p>Triple half-bridge driver</p>	<p>TLE 6208-3G</p> <p>Multi half-bridge driver</p>	<p>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 4 mm jacks.</p>	<p>Demoboard TLE6208-3G</p>
 <p>Hex half-bridge driver</p>	<p>TLE 6208-6G</p> <p>Multi half-bridge driver</p>	<p>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 4 mm jacks.</p>	<p>Demoboard TLE6208-6G</p>
 <p>2-phase stepper motor driver IC</p>	<p>TLE 4729G</p> <p>Stepper driver</p>	<p>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}.</p>	<p>Demoboard TLE4729G</p>
 <p>Quad half-bridge driver IC</p>	<p>TLE 8444SL</p> <p>Multi half-bridge driver</p>	<p>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.</p>	<p>Demoboard TLE8444SL</p>
 <p>NovalithIC™ H-bridge</p>	<p>BTN 793xB BTN 796xB BTN 797xB</p> <p>Half-bridge</p>	<p>Contains two NovalithIC™s 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).</p>	<p>Demoboard BTN7930B Demoboard BTN7933B Demoboard BTN7960B Demoboard BTN7963B Demoboard BTN7970B Demoboard BTN7971B Demoboard BTN7973B</p>
 <p>3-phase motor driver</p>	<p>TLE 7183F</p> <p>3-phase gate driver</p>	<p>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 12 V power net.</p>	<p>Demoboard TLE7183F REV.1.0</p>
 <p>H-bridge for DC motor applications</p>	<p>TLE 8209-1</p> <p>H-bridge motor driver</p>	<p>This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three 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.</p>	<p>Demoboard TLE8209-1</p>
 <p>Bridge for idle speed and throttle control</p>	<p>TLE 7209-2R</p> <p>H-bridge motor driver</p>	<p>This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.</p>	<p>Demoboard TLE7209-2R</p>



Board Name	Products	Description	Order No.
 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 board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
 TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
 TLE 5011 evalkit	TLE 5011 Angle sensor	The kit consists of a PGSI 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 PGSI box).	TLE 5011 Evalkit TLE 5011 Evalboard (PCB)
 TLE 5012 evalkit	TLE 5012 Angle sensor	The kit consists of a PGSI 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 PGSI box).	TLE 5012 Evalkit TLE 5012 Evalboard (PCB)
 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 5 V input providing fully protected power switches and handling currents up to 625 mA.	EVAL 2X8-ISO1H801G
 EVAL 2X8-ISO1H802G	ISO 1H802G ISOFACE™ Isolated high-side driver	Coreless transformer isolated high-side 8-bit serial data interface for 5 V input providing fully protected power switches and handling currents up to 625 mA.	EVAL 2X8-ISO1H802G



Board Name	Products	Description	Order No.
 Basic buck converter	TLE 8366 DC/DC converter	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 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
 Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
 EVALPFC2-ICE2PCS01	ICE 2PCS01 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2- ICE2PCS01
 EVALPFC2-ICE2PCS02	ICE 2PCS02 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2- ICE2PCS02








Board Name	Products	Description	Order No.
 EVALPFC2-ICE2PCS03	ICE 2PCS03 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS03
 EVALPFC2-ICE2PCS04	ICE 2PCS04 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS04
 EVALQRS-ICE2QS01-160W	ICE 2QS01 Power control IC	QR controller for 160 W TV applications.	EVALQRS-ICE2QS01-160W
 EVALS-25W-ICE2QS01	ICE 2QS01 Power control IC	QR controller for 25 W DVD, VCD and VCR.	EVALS-25W-ICE2QS01
 EVALQRS-ICE2QS02G80W	ICE 2QS02G Power control IC	QR controller for 80 W LCD TV, home audio or printer applications.	EVALQRS-ICE2QS02G-80W
 EVALSF3-ICE3B0565	ICE 3B0565 Power control IC	12 W SMPS demoboard with CoolSET™ F3 w/o latched - off mode.	EVALSF3-ICE3B0565
 EVALSF3-ICE3B1565	ICE 3B1565 Power control IC	F3 CoolSET™ for 20 W SMPS evaluation board.	EVALSF3-ICE3B1565
 EVALSF3-ICE3B 25 65	ICE 3B2565 Power control IC	F3 CoolSET™ for 30.4 W SMPS evaluation board.	EVALSF3-ICE3B2565
 EVALSF3-ICE3B2065P	ICE 3B2065P Power control IC	F3 CoolSET™ for 40 W 18 V SMPS evaluation board.	EVALSF3-ICE3B2065P
 EVALSF3-ICE3A5565P	ICE 3A5565P Power control IC	F3 CoolSET™ for 100 W 18 V SMPS evaluation board.	EVALSF3-ICE3A5565P
 EVALSF3-ICE3B0565J	ICE 3B0565J Power control IC	F3 CoolSET™ for 12 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3B0565J


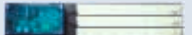








Board Name	Products	Description	Order No.
 EVALM-ICE3A0365	ICE 3A0365 Power control IC	F3 CoolSET™ for 6 W 12.5 V SMPS evaluation board.	EVALM-ICE3A0365
 EVALSF3-ICE3A1065 LJ	ICE 3A1065LJ Power control IC	F3 CoolSET™ for 15 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3A1065LJ
 EVALSF3R-ICE3BR4765J	ICE 3BR4765J Power control IC	F3 CoolSET™ for 12 W 5.0 V SMPS evaluation board.	EVALSF3R-ICE3BR4765J
 EVALSF3R-ICE3BR0665J	ICE 3BR0665J Power control IC	F3 CoolSET™ for 30 W 16 V SMPS evaluation board.	EVALSF3R-ICE3BR0665J
 EVALSF3R-IC-3BR0665JF	ICE 3BR0665JF Power control IC	F3 CoolSET™ for 100 W 18 V SMPS evaluation board.	EVALSF3R-ICE3BR0665JF
 EVALSF3-ICE3A1065ELJ	ICE 3A1065ELJ Power control IC	F3 CoolSET™ for 15 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3A1065ELJ
 EVALSF3R-IC-3BR2565JF	ICE 3BR2565JF Power control IC	F3 CoolSET™ for 40 W 18 V SMPS evaluation board.	EVALSF3R-ICE3BR2565JF
 EVALSF3-ICE3DS01G	ICE 3DS01G Power control IC	ICE 3DS01G: PWM controller for 28 W LCD monitor.	EVALSF3-ICE3DS01G
 EVALSF3-ICE3DS01L(G)	ICE 3DS01L(G) Power control IC	ICE 3DS01L(G): F3 controller for 60 W LCD monitor, adapter, DVD and STB.	EVALSF3-ICE3DS01L(G)
 EVALSF3-ICE3AS02	ICE 3AS02 Power control IC	ICE 3AS02: F3 controller for 60 W LCD monitor, adapter, DVD, STB and auxiliary power supplies.	EVALSF3-ICE3AS02
 EVALSF3-ICE3BS03LJG	ICE 3BS03LJG Power control IC	ICE 3BS03LJG: F3 controller for 60 W LCD monitor, adapter, DVD, STB and auxiliary power supplies.	EVALSF3-ICE3BS03LJG









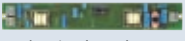






Board Name	Products	Description	Order No.
 Basic buck converter	TLE 8366 DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
 Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
 LED driver demo board	TLE 4309 TLE 4242G LED driver	This board is designed to demonstrate the performance of our linear LED driver TLE 4242G and TLE 4309G with Osram high brightness LEDs. It is possible to choose between the two drivers. A potentiometer allows the adjustment of the PWM duty-cycle for dimming the LEDs.	Demoboard TLE4242G LED driver/TLE4309
 1 W and 3 W LED demo board	BCR 450 LED driver	Shows how to drive high-power LEDs (1 W, 3 W) with the BCR 450 <ul style="list-style-type: none"> - Max. supply voltage: 27 V, max. current up to 2 A - BCR 450 + the 3 different booster transistors on one board - BAS 3007A-RPP on board (optional) - Can be connected to a string of LEDs - PWM signal can be applied 	BCR450 board
 12 V low current LED demo board	BCR 402W LED driver	The BCR 40xW series is an ideal drop-in replacement for resistor-based channel letter solutions <ul style="list-style-type: none"> - 12 V supply voltage, 20 mA current - BCR 402 W with footprint for external resistor for adjusting the current - Footprint for Schottky diodes (can be replaced by jumpers) - 3 x 0.2 W LEDs in series, type: OSRAM TopLED LW T6SG 	BCR402W 12 V LED board






Board Name	Products	Description	Order No.
 24 V Low current LED demo board	BCR 402W LED driver	The BCR 402 W can be operated at higher voltages than 18 VDC by simply putting a string of LEDs above the LED driver to reduce the supply voltage below 18 VDC - 24 V supply voltage, 20 mA current - BCR 402 W with footprint for external resistor for adjusting the current - Footprint for Schottky diodes (can be replaced by jumpers) - 6 x 0.2 W LEDs in series, type: OSRAM TopLED LW T6SG	BCR402W 24V LED board
 Off-line LED driver demo board for street lighting	TDA 4863, BCR 450 LED driver	TDA 4863 flyback controller & PFC in a single-stage topology - TLE 4305 CV CC feedback - Each LED string is driven at 350 mA by the BCR 450 in combination with the external transistor BCX 68-25 - Optimized for low-cost multi-LED string system with BCR 450 linear current regulators	BCR450 TDA4863G board
 LED driver board with CoolSET™	ICE 3B0365JG Power control Ics	24 V/350 mA low-cost and highly efficient LED PSU for multiple LEDs.	EVALACDC LED-ICE3B0365JG
 HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ 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 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
 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 238SL.	Demoboard TLE7235/7238
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL 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 7236SE and TLE7239SL.	Demoboard TLE7236/7239
 SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL 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 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
 HIC-PROFET™	BTS 500x0-1EGA High-side switch	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. This are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA



Board Name	Products	Description	Order No.
 PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0
 PROFET™ demo kit		This board is part of the PROFET™ demo kit.	
 PROFET™ demo kit	High-side switch	This board is part of the PROFET™ demo kit.	
 SPOC (SPI power controller for advanced light control)	BTS 5590GX	The universal body control module is intended to be used as a system evaluation board for several automotive power devices. It consists of a control unit and a power unit. The control unit is intended to control the power unit as well as to receive commands from a user interface. The power unit contains two BTS 5590GX for system evaluation purposes.	Demoboard BTS 5590GX
 BTS 5590GX demoboard	Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.	
 SPOC II - Power easy kit	BTS 5662E BTS 5672E BTS 5682E	The SPOC II power easy kit is intended to be used as a system evaluation board for several automotive power devices like BTS 5662E, BTS 5672E and BTS 5682E. It consists of a control unit and power unit. The control unit is intended to control the power unit as well as receive commands from a user interface.	Demoboard BTS5672E/ BTS5682E
 Evaluation board ICB2FL01G	ICB 2FL01G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL01G for 1x54 W T5 lamp.	EVAL board ICB2FL01G
 Evaluation board ICB-2FL02G	ICB 2FL02G Smart ballast controller	Demoboard for dimmable fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL02G for 1x26 W TC-TEL lamp.	EVAL board ICB2FL02G
 Evaluation board ICB1FL02G	ICB 1FL02G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 1st generation ICB 1FL03G for 1x54 W T5 lamp.	EVAL board ICB1FL02G
 ICB 2FL02G	ICB 2FL02G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL02G for 1x54 W T5 lamp.	EVAL board ICB2FL02G
 Evaluation board ICB 1FL03G	ICB 1FL03G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 1st generation ICB 1FL03G for 1x54 W T5 lamp.	EVAL board ICB1FL02G



Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, transceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
 TLE 4997x board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
 TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
 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).	TLE 5011 Evalkit TLE 5011 Evalboard (PCB)