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For Microcontroller, RF & Protection Devices and Wireless Control boards please see the appropriate chapter.			
 <p>HITFET™ protected low-side power switch</p>	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
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	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
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	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
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	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
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	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
 <p>SPIDER (SPI Driver for Enhanced Relay Control)</p>	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
 <p>BTS 50015-1TAA demo board</p>	BTS 50015-1TAA  PowerPROFET	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.	Demoboard BTS50015-1TAA
 <p>BTS 50060-1TEA demo board</p>	BTS 50060-1TEA  High-side switch	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.	Demoboard BTS50060-1TEA



Board Name	Products	Description	Order No.
 BTC 50010-1TAA demo board	BTC 50010-1TAA  Connect FET	The board is designed for one Connect FET (BTC 50010-1TAA) and one Connect FET companion chip (BTC 30010-1TAA). There are possibilities to use BTC 30010-1TAA for parallel switch or reverse blocking to the BTC 50010-1TAA device by different combination of the power jumper on PCB.	Demoboard BTC50010-1TAA
 BTF 50060-1TEA demo board	BTF 50060-1TEA  High-side switch	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 acutators 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.	Demoboard BTF50060-1TEA
 HIC-PROFET™	BTS 500x0-1EGA  High-side switch	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 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 board   PROFET™+ demo board	BTS 5020-2EKA BTS 5030-2EKA BTS 5045-2EKA BTS 5090-2EKA BTS 5120-2EKA BTS 5180-2EKA  High-side switch	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 .	Demoboard PROFET™+
 SPOC I - power easy kit	BTS 5590G BTS 5576G BTS 5566G  Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS5590G BTS5576G BTS5566G
 SPOC II - power easy kit	BTS 5662E BTS 5672E BTS 5682E BTS 5672E BTS 5662E  Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS5662E BTS5672E BTS5682E BTS5672E BTS5662E
 SPOC FL - power easy kit	BTS 6480SF BTS 6460SF BTS 5480SF BTS 5460SF  Multi-channel switch	This board is part of the SPOC FL (SPI power controller for advanced front light control) demo kit.  The demo kit consists of the power unit and the control unit (XC2287 power easy kit - to be ordered separately).	Demoboard BTS6480SF BTS6460SF BTS5480SF BTS5460SF


Board Name	Products	Description	Order No.
	TLE 8264-2E TLE 8264E TLE 8263-2E TLE 8263E TLE 8262-2E TLE 8262E TLE 8261-2E TLE 8261E	This universal demo board is intended to be used for a system evaluation board for the TLE 826x 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 easy controlling and monitoring of the SBC via SPI (e.g. automatic watchdog triggering).	Demoboard TLE8264E V2.0
System basis chip	System basis chip		
	TLE 7263	This universal demo board is intended to be used for a system evaluation board for the TLE 7263 System Basis chip. The board system 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
System basis chip	System basis chip		
	TLD 5098EL	This small size DC/DC board is available in the following topologies: – Boost to battery – Boost to GND – SEPIC and can drive LED loads up to 1.5A or higher.	Application Board TLD5098EL
TLD 5098EL application board	DC/DC boost controller		
	TLD 5095EL	This board is equipped with TLD 5095EL boost controller, MOSFETs and LEDs or can be used via jumper-seeting with external LED loads up to 1.5A or higher and up to 55V output voltage.	Demoboard TLD5095EL
TLD 5095EL demo board	DC/DC boost controller		
	TLD 5098EL	This board is equipped with TLD 5098EL boost controller, MOSFETs and LEDs or can be used via jumper-seeting with external LED loads up to 1.5A or higher and up to 60V output voltage.	Demoboard TLD5098EL
TLD 5098EL demo board	DC/DC boost controller		
	TLD 5085	This board with the TLD 5085 buck converter is equipped with LEDs or can be used via jumper-seeting with external LED loads up to 1.8A.	Demoboard TLD5085
TLD 5085 demo board	DC/DC buck converter		
	TLD 5085	This board with the TLD 5085 buck converter is equipped with one LED or can be used with external LED loads up to 1.8A.	Application Board TLD5085 with LED
TLD 5085 application board with LED	DC/DC buck converter		
	TLD 5085	This board with the TLD 5085 buck converter is equipped with a connector to drive external LED loads up to 1.8A.	Application Board TLD5085 with Connector
TLD 5085 application board with connector	DC/DC 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 4.8V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
Basic buck converter	DC/DC converter		




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
 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
 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








 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 4mm jacks. PC software provided.	Demoboard TLE8201R SP000427080
 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 4mm jacks. PC software is also included.	Demoboard TLE8203E SP000897484
 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



Board Name	Products	Description	Order No.
 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
 Demo board TLE 841xyEL	TLE 841xyEL  Multi half bridge driver IC family	The TLE 841xyEL is a multi half-bridge driver and is part of a family of devices designed specifically for automotive HVAC flap motors and mirror adjustment motors. The IC can be used as a half-bridge or H-bridge driver. The TLE 841xyEL demo board is intended to provide a simple, easy to use tool for first application tests. The evaluation kit contains a TLE 841xyEL application board and a USB stick with documentation and software to interact with the demo board.	Demoboard TLE84110EL SP000777008 Demoboard TLE84106EL SP000777006
 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 12V power net.	Demoboard TLE7183F REV. 1.0
 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
 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 10kHz.	Demoboard TLE6288R



Board Name	Products	Description	Order No.
	TLE 6244X	This evaluation board is designed to demonstrate the performance of the TLE 6244X. The application board is equipped with a 5V linear voltage regulator U1 (TLE 4264G) that can be connected directly to 12V (battery).	Demoboard TLE6244X
Powertrain system IC	Multi-channel switch		

Board Name	Products	Description	Order No.
 PGSISI-2 interface box	TLE xxxx  Magnetic sensors	Programmer and interface box for all linear Hall and angle sensors.	SP000875082
 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 seperately (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 seperately (without PGSISI box).	TLE4998x Programmer kit SP000425300 TLE4998 Evalboard SP000875090
 TLE 5009 Evalkit	TLE 5009  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 seperately (without PGSISI box).	TLE 5009 Evalkit SP000871462 TLE 5009 Evalboard (PCB) SP000871466
 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 seperately (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 seperately (without PGSISI box).	TLE5012 Evalkit SP000634334 TLE5012 Evalboard (PCB) SP000634326
 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





Board Name	Products	Description	Order No.
	SP37	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 315MHz transmitter) SP37-434-8 DEVELOP KIT SP000518286 (with 434MHz transmitter)
SP37 development kit	Tire pressure sensor		
	KP 106	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 PGISISi adapter.	KP106 KIT SP000367787
KP 106 kit	Side Airbag Sensor (SAB)		
	KP 200	The KP 200 evaluation kit for side airbag pressure sensors provides the possibility to evaluate the complete functionality of the KP 200 side airbag pressure sensor family. This includes voltage supply, an easy sensor insertion socket and signal conditioning.	SP000861680
KP 200/KP 108 kit	Side Airbag Sensor (SAB)		
	KP 12x	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
USB pressure-sensor stick	Pressure sensor		
	1ED020I12-FA HybridPACK™1	Complete inverter/DC-DC solution for applications up to 20kW (Mild Hybrid) with IGBT module HybridPACK™1 (FS400R06KE3) 600V/400A, 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™1	Power module		
	6ED100HP1-FA 6ED100HP2-FA	Complete inverter/DC-DC solution for applications up to 80kW (Full Hybrid Electrical Vehicles) with IGBT module HybridPACK™2 (FS800R07A2E3) 650V/800A, 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	Power module		