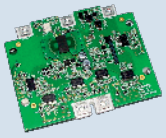
Board Name	Products	Description	Order No.
 6ED100HP2-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™2 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered seperately.	SP000552868
 6ED100HP1-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™1 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered seperately.	SP000521526
 Hybrid-Kit for HybridPACK™2	1ED020I12-FA 8-bit microcontroller	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 clamp)	SP000635950

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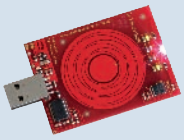
Consumer · Communication

Board Name	Products	Description	Order No.
 Application KIT FOCDRIVE_V1	XC878 XE164F 8-/16-bit microcontroller	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23V–56V, 7.5A. 15W PMSM motor and plug-in 24V 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
 Application KIT 7 buttons	XC822T 8-bit microcontroller	Solution for touch and LED-display control based on XC822T 8-bit microcontroller with embedded control ROM-library. Code examples and documentation for capacitive touch buttons and LED-display control. DAVE™ Bench free development tool chain. Programmer access and power supply via USB.	KIT_AK_INTOUCH7B
 Application KIT color wheel	XC822T 8-bit microcontroller	Solution for touch and LED-color control based on XC822T 8-bit microcontroller with embedded control ROM-library. Code examples and documentation for capacitive touch wheel and LED-color control. DAVE™ Bench free development tool chain. Programmer access and power supply via USB.	KIT_AK_INTOUCHCW
 Application KIT XC866_LIN_STEPPER	XC866 8-bit 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
 Application KIT BLDC_MDB_V1	XC866 8-bit microcontroller	Motor control demo kit for block commutation (20 ~ 45V, 0 ~ 16A) on BLDC motors.	KIT_AK_BLDC_MDB_V1
 Application KIT BLDC	XC866 8-bit microcontroller	12V BLDC (brushless DC) automotive application kit: pp to 20A BLDC motor, inverter, MCU (XC866). Free compiler (SDCC) and debugger (HITOP). Tutorial videos demonstrating how to use the kit.	KIT_AK_XC866_BLDC
 Application KIT XC800_FOC_V1	XC886 8-bit microcontroller	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 24V PMSM motor.	KIT_AK_XC800_FOC_V1
 Application KIT FOCDRIVE_V1	XC878 XE164F 8-/16-bit microcontroller	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23–56V, 7.5A. 15W PMSM motor and plug-in 24V 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

Board Name	Products	Description	Order No.
 Application KIT DaveDrive_V3	XC878 XE164 8-/16-bit microcontroller	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 16-bit multiplication and accumulation. This usually requires expert knowledge in both motor control and assembler programming.	KIT_AK_DaveDrive_V3
 Application KIT DUALMOTORDRIVE_V1	XC878 XE164F 8-/16-bit microcontroller	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23–56V, 7.5A. 15W PMSM motor and plug-in 24V 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
 Application KIT 3PHASE_DRIVE_V1	XC886 8-bit microcontroller	3-phase drive application kit: 0.75kW power stage for consumer and industrial drives, XC886 motor control unit with molded CIPOS™ module and integrated AC/DC converter. Seperately application kit for PMSM/BLDC and induction motors (110 and 220V).	KIT_AK_3PHASE_DRIVE_V1
 Application KIT BLDC_MOTORDRIVE_V1	XC886 XC2238N 8-/16-bit micocontroller	Key features: scalable 3-phase inverter, example code: FOC & V/f for XC886 and XC2238N, Integrated protection features for high system reliability, complete IDE software packages included, easy installation, plug & play included: TLE 7184F power board (12V...24V/20A), BLDC/PMSM motor, AC/DC powersupply (12V/2A), XC886 (8-bit) drivecard with 16-bit, arithmetic, XC2238N (16-bit) drive card, capable of running FOC code, USB drive-monitor, CD-Rom with software & documentation, cables and connectors - automotive application.	KIT_AK_TLE7184_V1
 Extension-Board KIT OLED_UCONNECT_XE164	XE164 16-bit microcontroller	Extension-Board for the UConnect XE164 with a 320*240 OLED 24-bit color display and Ethernet-Connection, CAN and UART connector.	KIT_OLED_UConnect
 USB KIT IOLINK_USB_V1	XC822 XE164 8-/16-bit microcontoller	IO-Link evaluation kit: 16-bit real-time signal controller - hardware support for up to 10 IO-Link channels with FIFO buffer for each channel - CAN, ADC, PWM, timers - IO-Link master. 8-bit microcontoller- Slave IO-Link for intelligent control nodes - CAN, ADC, PWM, timers.	KIT_IOLINK_USB_V1
 USB KIT XC800_USCALE_USB	XC866 XC886 XC888 8-bit microcontroller	The XC800 USCALE kit is a low cost USB stick providing full evaluation capability for the XC866, XC886 and XC888 8-bit family of microcontrollers, all on a single platform. The kit includes development toolchains, demos and tutorials for quick installation and ease of use as well as access to the key features and hardware signals of each of the three microcontrollers for more extensive benchmarking and evaluation.	KIT_XC800_USCALE_USB

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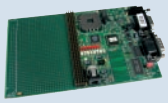
Board Name	Products	Description	Order No.
 USB KIT UCONNECT_XE162N	XE162N 16-bit microcontroller	The UConnect XE162N is a low cost USB stick providing full evaluation capability for the new XE166 16-bit family of microcontrollers. The kit includes development toolchains, demos, a CANopen EVA version and tutorials for quick installation and ease of. The UConnect USB stick comes with a CAN extension board.	KIT_XE162N_UConnect_USB
 USB KIT UCONNECT_ XC2000 Family	XC2238N XC2336B XC2734X 16-bit microcontroller	The UConnect XC2238N/XC2336B/XC2734X are low cost USB sticks providing full evaluation capability for the XC2000 16-bit family of microntrollers. The kit includes development toolchains, demos, a CANopen EVA version and tutorials for quick installation and ease of. The UConnect USB stick comes with a CAN extension board.	KIT_XC2200N_UConnect_USB KIT_XC2300B_UConnect_USB KIT_XC2704X_UConnect_USB
 USB KIT DAP_MINIWIGGLER	Debugging tool for all microcontrollers supporting the DAP interface 8-/16-/32-bit microcontroller	The miniWiggler is Infineon's high performance and cost-efficient debugging tool for the future. On the host side, it has a USB interface, which is available on every computer. On the device side, the communication goes over Infineon 10-pin DAP or 16-pin OCDSL1 interfaces. The miniWiggler has been designed specifically to work in combination with Infineon's Debug Access Software (DAS).	KIT_DAP_MINIWIGGLER_USB
 Easy KIT XC82x	XC822 8-bit microcontroller	For evaluation of XC822 microcontroller; including USB cable, high power LED module, boost converter, capacitive touch pads and CD-ROM with technical documentation (user manual, data sheets, board documentation, Errata sheets), DAVE™ Bench free development tool chain (compiler, debugger, flash loader) and application code examples with hands on trainings.	KIT_XC822_EK_V1
 Easy KIT XC83x	XC835 XC836 8-bit microcontroller	For evaluation of XC835 and XC836 microcontrollers; including USB cable, capacitive touch pads, LED display and CD-ROM with technical documentation (user manual, data sheets, board documentation, Errata sheets), DAVE™ Bench free development tool chain (compiler, debugger, flash loader) and application code examples with hands on trainings.	KIT_XC836_EK_V1
 Easy KIT XC8xx_V1	XC864 XC878 8-bit microcontroller	For evaluation of XC864/XC878 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_XC864_EK_V1 KIT_XC878_EK_V1
 Easy KIT XC866	XC866 8-bit microcontroller	For evaluation of XC866 including documentation, compiler, debugger and DAVE™ mother system v2.1.	KIT_XC866_EK
 Easy KIT XC164Cx_V3	XC164CM XC164CS 16-bit microcontroller	For evaluation of XC164CM/XC164CS including documentation, compiler, debugger, DAVE™ mother system v2.1 and a flash programming tool.	KIT_XC164CM_EK_V3 KIT_XC164CS_EK_V3

Board Name	Products	Description	Order No.
 Easy KIT XC167CI_V3	XC167CI 16-bit microcontroller	For evaluation of XC167CI including documentation, compiler, debugger, DAVE™ mother system v2.1 and a flash programming tool.	KIT_XC167CI_EK_V3
 Easy KIT XE16Xx classic series	XE164F XE167F 16-bit microcontroller	For evaluation of XE164/XE167 including documentation, compiler, debugger, DAVE™ mother system v2.1 and a flash programming tool.	KIT_XE164F_EK_V1 KIT_XE167F_EK_V1
 Easy KIT XE16xFH_V1	XE167FH XE169FH 16-bit microcontroller	For evaluation of XE167FH/XE169FH including Getting Started, DAVE™ , technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XE167FH_EK_V1 KIT_XE169FH_EK_V1
 Easy KIT XE16xFL	XE161FL XE162FL 16-bit microcontroller	For evaluation of XE161FL/XE162FL including Getting Started, DAVE™ , technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XE161FL_EK KIT_XE162FL_EK
 Easy KIT XE16xFM_V1	XE162FM XE164FM XE167FM 16-bit microcontroller	For evaluation of XE162FM/XE164FM/XE167FM including Getting Started, DAVE™ , technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XE162FM_EK_V1 KIT_XE164FM_EK_V1 KIT_XE167FM_EK_V1
 Easy KIT XE16xFN_V1	XE162FN XE164FN 16-bit microcontroller	For evaluation of XE162FN/XE164FN including Getting Started, DAVE™ , technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE162FN_EK_V1 KIT_XE164FN_EK_V1
 Easy KIT XE16xFU	XE160FU XE161FU 16-bit microcontroller	For evaluation of XE160FU/XE161FU including Getting Started DAVE™, technical documentation, compiler and debugger, USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XE160FU_EK KIT_XE161FU_EK
 Starter KIT C515C	C515C 8-bit microcontroller	For evaluation of C515 including documentation, compiler and debugger.	KIT_C515C_SK

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Board Name	Products	Description	Order No.
 Starter KIT XC8xx	XC866 XC886 XC888 8-bit microcontroller	For evaluation of XC866/XC886/XC888 including documentation, compiler, debugger, DAVE™ mother system v2.1, cables and U-link.	KIT_XC866_SK KIT_XC888_SK
 Starter KIT C167CS	C167CS 16-bit microcontroller	For evaluation of C167CS including documentation, compiler and debugger.	KIT_C167CS_SK
 Starter KIT XC22x7classic series	XC2267 XC2287 16-bit microcontroller	For evaluation of XC2267/XC2287 including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2267_SK KIT_XC2287_SK
 Starter KIT XC22x0U	XC2210U XC2220U 16-bit microcontroller	For evaluation of XC2210U/XC2220U including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2210U_SK KIT_XC2220U_SK
 Starter KIT XC22xxL	XC222xL XC223xL 16-bit microcontroller	For evaluation of XC2220L/XC2224L/XC2230L/XC2234L including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC222xL_SK KIT_XC223xL_SK
 Starter KIT XC22x7M Series	XC2237M XC2267M XC2287M 16-bit microcontroller	For evaluation of XC2237M/XC2267M/XC2287M including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2237M_SK KIT_XC2267M_SK KIT_XC2287M_SK
 Starter KIT XC22x8H Series	XC2288H XC2298H 16-bit microcontroller	For evaluation of XC2288H/XC2298H including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2288H_SK KIT_XC2298H_SK
 Starter KIT XC22x8N Series	XC2238N XC2268N 16-bit microcontroller	For evaluation of XC2238N/XC2268N including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2238N_SK KIT_XC2268N_SK

Board Name	Products	Description	Order No.
 Starter KIT XC23xxA	XC2336A XC2365A XC2387A 16-bit microcontroller	For evaluation of XC2336A/XC2365A/XC2387A including Getting Started, DAVE™, technical docu-mentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2336A_SK KIT_XC2365A_SK KIT_XC2387A_SK
 Starter KIT XC23xxB	XC2336B XC2365B 16-bit microcontroller	For evaluation of XC2336B/XC2365B including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2336B_SK KIT_XC2365B_SK
 Starter KIT XC23xxD	XC232xD XC233xD 16-bit microcontroller	For evaluation of XC2320D/XC2321D/XC2330D/XC2331D including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC232xD_SK KIT_XC233xD_SK
 Starter KIT XC23X0S	XC2310S XC2320S 16-bit microcontroller	For evaluation of XC2310S/XC2320S including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2310S_SK KIT_XC2320S_SK
 Starter KIT XC2388C	XC2388C 16-bit microcontroller	For evaluation of XC2388C including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2388C_SK
 Starter KIT XC27x2X	XC2712X XC2722X 16-bit microcontroller	For evaluation of XC2712X/XC2722X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2712X_SK KIT_XC2722X_SK
 Starter KIT_XC27x3X	XC2723X_SK XC2733X_SK 16-bit microcontroller	For evaluation of XC2723X/XC2733X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2723X_SK KIT_XC2733X_SK
 Starter KIT XC27x4X	XC2734X XC2764X 16-bit microcontroller	For evaluation of XC2734X/XC2764X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2734X_SK KIT_XC2764X_SK

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Board Name	Products	Description	Order No.
 Starter KIT XC27x5X	XC2765X XC2785X 16-bit microcontroller	For evaluation of XC2765X/XC2785X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2765X_SK KIT_XC2785X_SK
 Starter KIT XC27x6X	XC2766X XC2786X 16-bit microcontroller	For evaluation of XC2766X/XC2786X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2766X_SK KIT_XC2786X_SK
 Starter KIT XC27x7X	XC2787X XC2797X 16-bit microcontroller	For evaluation of XC2787X/XC2797X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and flash programming and debugging.	KIT_XC2787X_SK KIT_XC2797X_SK
 Starter KIT TC1130_V1.5	TC1130 32-bit microcontroller	For evaluation of TC1130 including Getting Started, technical documentation, evaluation versions for compiler and debugger. cable, power supply and extension board.	KIT_TC1130_SK_V1.5
 Starter KIT TC116x	TC1164 TC1166 32-bit microcontroller	For evaluation of TC1164/TC1166 including documentation, compiler, debugger, operating system, cable and one extension board.	KIT_TC116x_SK
 Starter KIT TC1766	TC1766 32-bit microcontroller	For evaluation of TC1766 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_TC1766_SK
 Starter KIT TC1796	TC1796 32-bit microcontroller	For evaluation of TC1796 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_TC1796_SK
 Starter KIT TC1767	TC1167 TC1767 32-bit microcontroller	For evaluation of TC1167/TC1767 including Getting Started, technical documentation, evaluation versions for compiler and debugger, USB cable, power supply and extension board.	KIT_TC1767_SK
 Starter KIT TC1797	TC1197 TC1797 32-bit microcontroller	For evaluation kit for the TC1197/TC1797 including Getting Started, technical documentation, evaluation versions for compiler and debugger, USB cable, power supply and extension board.	KIT_TC1797_SK