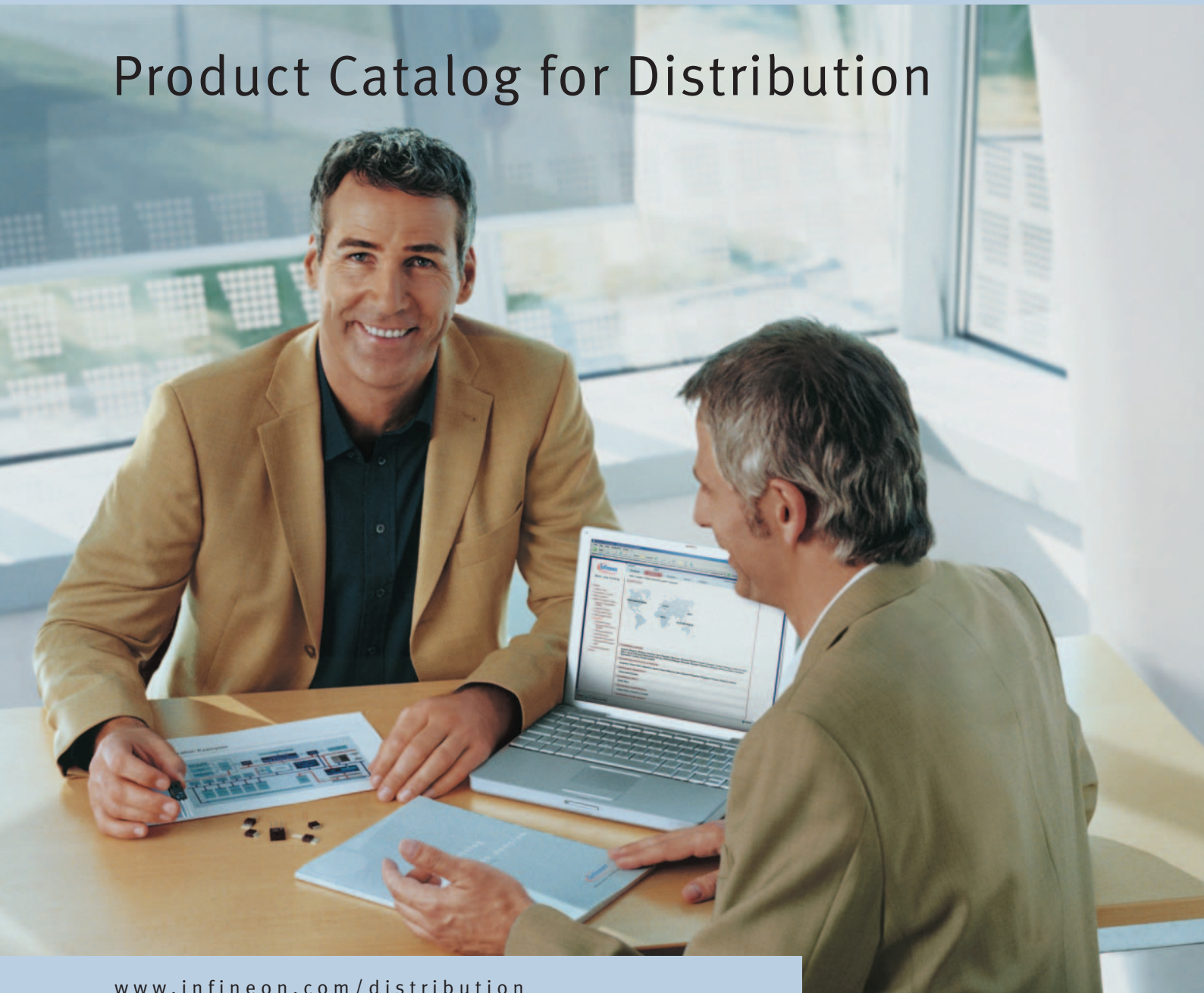


Product Catalog for Distribution



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Communication



Never stop thinking

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Reflecting the depth and range of our offering, this overview extends from communication devices and microcontrollers through power semiconductors and discretes to sensors and security solutions. For fast and easy reference, we have kept technical details to a minimum and added an overview of all device names and order codes at the back. Please refer to our data sheets, data books and user's manuals if you require in-depth technical data on a given product.

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- ▼ Newly included components
- Components not suitable for new design
- ◆ Products available through dedicated distributors
- SMD (**S**urface **M**ounted **D**eVICES)
gray lines indicate SMDs
- ® Registered trademark
- ™ Trademark

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Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|---|
| Wired Communication Broadband Access | | | |
| Symmetrical DSL | | | |
| ▼ PEF 21624 E V1.2-G | SP000054059 | P-LBGA-324-2 | SOCRATES® (SDFE-1): 2nd. generation symmetrical DSL front end with 1-channel for TDM applications, tray |
| ▼ PEF 22624 E V1.3-G | SP000081099 | PG-LBGA-324-2 | SOCRATES® (SDFE-2): 2nd. generation symmetrical DSL front end with 2-channel for TDM applications, tray |
| ▼ PEF 24624 E V2.1-G | SP000208961 | PG-LBGA-324-2 | SOCRATES® (SDFE-4): 2nd. generation symmetrical DSL front end with 4-channel for TDM applications, tray |
| ▼ PEF 24624 E V2.1-G | SP000223350 | PG-LBGA-324-2 | SOCRATES® (SDFE-4): 2nd. generation symmetrical DSL front end with 4-channel for TDM applications, tape & reel |
| ▼ PEF 24625 E V1.2-G | SP000054060 | PG-BGA-484-1 | SOCRATES® (SDC-16i): 2nd. generation symmetrical DSL controller for 16-channels and IMA (SDC-16i). Only available as part of SOCRATES®-16Bis chipset, which consists of 1 x PEF24625 (SDC-16i) + 4 x PEF 24624 (SDFE-4), tray |
| ▼ PEF 24625 E V1.2-G | SP000223349 | PG-BGA-484-1 | SOCRATES® (SDC-16i): 2nd. generation symmetrical DSL controller for 16-channels and IMA (SDC-16i). Only available as part of SOCRATES®-16Bis chipset, which consists of 1x PEF24625 (SDC-16i) + 4 x PEF 24624 (SDFE-4), tape & reel |
| ▼ PEF 21628 E V1.1-G | SP000213076 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®-1e): 3rd. generation EFM-(Ethernet First Mile) symmetrical DSL transceiver with 1-channel for IP, ATM, TDM applications, tray |
| ▼ PEF 22628 E V1.1-G | SP000213077 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®-2e): 3rd. generation EFM-(Ethernet First Mile) symmetrical DSL transceiver with 2-channel for IP, ATM, TDM applications, tray |
| ▼ PEF 24628 E V1.1-G | SP000085010 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®-4e): 3rd. generation EFM-(Ethernet First Mile) symmetrical DSL transceiver with 4-channel for IP, ATM, TDM applications, tray |
| ▼ PEF 21627 E V1.1-G | SP000218166 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®-1U): 3rd. generation symmetrical DSL front end with 1-channel for ATM, TDM, IP applications, tray |
| ▼ PEF 22627 E V1.1-G | SP000218168 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®-2U): 3rd. generation symmetrical DSL front end with 2-channel for ATM, TDM, IP applications, tray |
| ▼ PEF 24627 E V1.1-G | SP000208962 | PG-LBGA-324-2 | SOCRATES® (SOCRATES®4U): 3rd. generation symmetrical DSL front end with 4-channel for ATM, TDM, IP applications, tray |
| ▼ EASY SDFE-2 | SP000008138 | — | SOCRATES® (SDFE-2): Evaluation board for PEF 22624 (SDFE-2) |
| ▼ EASY SDFE-4 | SP000008101 | — | SOCRATES® (SDFE-4): Evaluation board for PEF 24624 (SDFE-4) |
| ▼ EASY 24624 MII | SP000008100 | — | SOCRATES® (SDC-16i): Evaluation board for PEF 24625 (SDC16i) |
| ▼ EASY 24624 TDM | SP000007925 | — | SOCRATES®: TDM module for EASY 24624 MII. This optional board gives TDM connection to EASY 24624 MII for testing purposes |
| ▼ EASY 24628 MII | SP000089850 | — | SOCRATES® (SOCRATES®-4e): Evaluation board for PEF 24628 |
| ▼ EASY 24628 UTOPIA | SP000244336 | — | SOCRATES® (SOCRATES®-4e): Evaluation board for PEF 24628 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|----------------|---|
| Wired Communication Broadband Access | | | |
| ADSL | | | |
| ▼ PSB 50510 E V1.3-G | SP000068030 | PG-LBGA-256-1 | AMAZON-M: Single Chip ADSL/2/2+ cpe solution with integrated analog front end (AFE) and line driver (LD). 3-port switch, PCI, 1xMII, 1 x TP, tray |
| ▼ PSB 50505 E V1.3-G | SP000223783 | PG-LBGA-256-1 | AMAZON-ME: Single Chip ADSL/2/2+ cpe solution with integrated analog front end (AFE) and line driver (LD). 3-port switch, PCI, 2xMII, tape & reel |
| ▼ PSB 50505 E V1.3-G | SP000068029 | PG-LBGA-256-1 | AMAZON-ME: Single Chip ADSL/2/2+ cpe solution with integrated analog front end (AFE) and line driver (LD). 3-port switch, PCI, 2xMII, tray |
| ▼ PSB 50501 EL V1.2-G | SP000053494 | PG-LFBGA-200-1 | AMAZON-E: Two Chip ADSL/2/2+ solution PSB 50530 (AFE) + PSB 50501 (DFE). 3-port switch, 2xMII, tray |
| ▼ PSB 50530 F V1.2 | SP000017986 | PG-TQFP-64-1 | AMAZON-E: Two Chip ADSL/2/2+ cpe solution PSB 50530 (AFE) + PSB 50501 (DFE). 3-port switch, 2xMII, tray |
| ▼ EASY50505 A V3.0 | SP000234787 | — | AMAZON-ME: Evaluation board for PSB 50505, annex A |
| ▼ EASY50505 B V3.0 | SP000234788 | — | AMAZON-ME: Evaluation board for PSB 50505, annex B |
| ▼ EASY50501 A | SP000069367 | — | AMAZON-E: Evaluation board for PSB 50501 + PSB 50530, annex A |
| ▼ EASY50501 B | SP000069368 | — | AMAZON-E: Evaluation board for PSB 50501 + PSB 50530, annex B |
| VDSL2 | | | |
| ▼ PEB 83000 E V1.3-G | SP000201760 | PG-LBGA-483-1 | VINAX-CPE: Single chip VDSL2 cpe solution with integrated analog front end (AFE) and line driver (LD) |
| ▼ EASY 83000 CPE | SP000215341 | — | VINAX-CPE: Evaluation board for PEB 83000 |
| ▼ EASY 83000 HOSTLESS | SP000104531 | — | VINAX-CPE: Evaluation board for PEB 83000 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|---------------|---|
| Wired Communication Core Access | | | |
| T/E Carrier | | | |
| E1/T1/J1 | | | |
| ▼ PEF 2256 H V2.2-G | SP000057074 | PG-LBGA-81-1 | FALC56 [®] : Single channel T1/E1/J1 framer, line interface unit (LIU) and signaling controller for long- and short- haul applications, tray |
| ▼ PEF 22552 E V1.1-G | SP000065628 | PG-LBGA-160-1 | DualFALC [®] : Dual channel E1/T1/J1 framer, line interface unit (LIU) and signaling controller for long- and short- haul applications, tray |
| ▼ PEF 22554 E V3.1-G | SP000074240 | PG-LBGA-160-1 | QuadFALC [®] : Quad channel E1/T1/J1 framer, line interface unit (LIU) and signaling controller for long- and short- haul applications, tray |
| ▼ PEF 22554 HT V3.1 | SP000064070 | PG-TQFP-144-2 | |
| PEF 22558 E V1.1-G | SP000008139 | PG-LBGA-256-1 | OctalFALC [®] : Octal channel E1/T1/J1 framer, line interface unit (LIU) and signaling controller for long- and short- haul applications, tray |
| ▼ PEF 22504 E V2.1-G | SP000081770 | PG-LBGA-160-1 | QuadLIU [™] : Quad channel E1/T1/J1 line interface unit (LIU) for long- and short- haul applications, tray |
| ▼ PEF 22504 HT V2.1 | SP000209867 | PG-TQFP-144-2 | |
| ▼ PEF 22508 E V1.1-G | SP000029953 | PG-LBGA-256-1 | OctalLIU [™] : Octal channel E1/T1/J1 line interface unit (LIU) for long- and short- haul applications, tray |
| ▼ PEF 22508 E V1.1-G | SP000223351 | PG-LBGA-256-1 | OctalLIU [™] : Octal channel E1/T1/J1 line interface unit (LIU) for long- and short- haul applications, tape & reel |
| ▼ PEF 22557 E V1.1-G | SP000055478 | PG-LBGA-256-1 | OctalFRAMER [™] : Octal channel E1/T1/J1 framer, tray |
| ▼ EASY 2256 E V2.2 | SP000106013 | — | FALC56 [®] : Evaluation board for PEF 2256 |
| ▼ EASY 22552 | SP000202849 | — | DualFALC [®] : Evaluation board for PEF 22552 |
| EASY 22554 V3.1 | SP000007919 | — | QuadFALC [®] : Evaluation board for PEF 22554 |
| EASY 22558 | SP000053860 | — | OctalFALC [®] : Evaluation board for PEF 22558 |
| ▼ EASY 22504 | on request | — | QuadLIU [™] : Evaluation board for PEF 22504 |
| ▼ EASY 22508 | SP000202361 | — | OctalLIU [™] : Evaluation board for PEF 22508 |
| E3/T3 | | | |
| ▼ PEB 3445 E V2.1-G | SP000226333 | PG-BGA-272-1 | TE3-MUX: DS3 framer with M13 multiplexer, 0°C to 70°C, tray |
| ▼ PEF 3445 E V2.1-G | SP000226334 | PG-BGA-272-1 | TE3-MUX: DS3 framer with M13 multiplexer, -40°C to 85°C, tray |
| ▼ PEF 3460 E V1.2-G | SP000088005 | PG-BGA-272-4 | TE3-FALC [®] : Integrated DS3/E3 framer and T3/E3 line interface unit (LIU) for ATM, Frame Relay and PPP/IP, tray |
| PEF 3452 H V1.3 | SP000007643 | PG-MQFP-44-2 | TE3-LIU [™] : Single channel line interface unit (LIU) for DS3, STS-1 and E3 applications, tray |
| ▼ EASY 3445 V1.2 | SP000007930 | — | TE3-MUX: Evaluation board for PEB/PEF 3445 (TE3-MUX) |
| ▼ EASY 3460 | SP000007932 | — | TE3-FALC [®] : Evaluation board for PEF 3460 (TE3-FALC [®]) |
| ▼ EASY 3452 V1.2 | SP000007947 | — | TE3-LIU [™] : Evaluation board for PEF 3452 (TE3-LIU [™]) |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|---------------|---|
| Wired Communication Core Access | | | |
| HDLC Controller | | | |
| PEB 20525 F V1.3 | SP000007591 | PG-TQFP-100-1 | SEROCCO-H: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 12.5 Mbit/s, 0°C to 85°C, tray |
| ▼ PEF 20525 F V1.3 | SP000225720 | PG-TQFP-100-1 | SEROCCO-H: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 12.5 Mbit/s, -40°C to 85°C, tape & reel |
| PEF 20525 F V1.3 | SP000007592 | PG-TQFP-100-1 | SEROCCO-H: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 12.5 Mbit/s, -40°C to 85°C, tray |
| PEB 20532 F V1.3 | SP000007512 | PG-TQFP-100-1 | SEROCCO-M: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 12.5 Mbit/s, 0°C to 85°C, tray |
| PEF 20532 F V1.3 | SP000007511 | PG-TQFP-100-1 | SEROCCO-M: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 12.5 Mbit/s, -40°C to 85°C, tray |
| PEB 20542 F V1.3 | SP000007633 | PG-TQFP-144-2 | SEROCCO-D: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 16 Mbit/s. Integrated DMA controller with 4 independent DMA channels, 0°C to 85°C, tray |
| PEF 20542 F V1.3 | SP000007634 | PG-TQFP-144-2 | SEROCCO-D: Two channel serial optimized communication controller for HDLC and PPP. Full duplex data rates on each channel up to 16 Mbit/s. Integrated DMA controller with 4 independent DMA channels, -40°C to 85°C, tray |
| ▼ PEB 20256 E V2.2 | SP000205442 | PG-BGA-388-2 | MUNICH256: Multichannel network interface controller for HDLC/PPP with 256 channels and on-chip data management unit, tray |
| EASY 20525 V1.1 | SP000007914 | — | SEROCCO-H: Evaluation board for PEB/PEF 20525 |
| EASY 20532 V1.1 | SP000007915 | — | SEROCCO-M: Evaluation board for PEB/PEF 20532 |
| EASY 20542 V1.1 | SP000007916 | — | SEROCCO-D: Evaluation board for PEB/PEF 20542 |
| EASY 256 V1.1 | SP000007944 | — | MUNICH256: Evaluation board for PEB 20256 |
| EASY 256 E 1T1 V1.1 | SP000007945 | — | MUNICH256: Reference design for PEB 20256 and PEF 22554 (MUNICH256/QuadFALC®) |

Interworking Products ATM to Time Slot

| | | | |
|---------------------|-------------|--------------|---|
| PXB 4219 E V3.4-G | SP000223294 | PG-BGA-256-1 | IWE8® CMAP: Interworking element between 8 E1/T1 lines and ATM, tray |
| ▼ PXB 4220 E V3.4-G | SP000017873 | PG-BGA-256-1 | IWE8®: Interworking element between 8 E1/T1 lines and ATM, tray |
| ▼ PXB 4221 E V3.4-G | SP000017875 | PG-BGA-256-1 | |
| ▼ PXF 4222 E V1.3-G | SP000017876 | PG-BGA-388-2 | IWORX®-P: Next generation interworking controller between ATM and PDH, tray |
| ▼ PXF 4225 E V1.3-G | SP000017877 | PG-BGA-388-2 | IWORX®: Interworking controller between ATM and PDH, tray |
| EASY 4220 | on request | — | IWE8®: Reference design for PXF 4220 |
| EASY 4222 | on request | — | IWORX®-P: Reference design for PXF 4222 |
| EASY 4225 | on request | — | IWORX®: Reference design for PXF 4225 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|---|
| Wired Communication Voice Access | | | |
| VoIP | | | |
| ▼ PEB 3331 HT V2.1 | SP000232901 | PG-TQFP-100-1 | VINETIC®-1CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (with patent indemnification fees for vocoders), 0°C to 85°C, tray |
| ▼ PEB 3331 HT V2.1 | SP000083520 | PG-TQFP-100-1 | VINETIC®-1CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tray |
| ▼ PEB 3331 F V2.1 | SP000083521 | PG-TQFP-64-1 | VINETIC®-1CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tape & reel |
| ▼ PEB 3332 F V2.1 | SP000065273 | PG-TQFP-64-1 | VINETIC®-2CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tray |
| ▼ PEB 3332 HT V2.1 | SP000224283 | PG-TQFP-100-1 | VINETIC®-2CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tape & reel |
| ▼ PEF 3332 HT V2.1 | SP000229576 | PG-TQFP-100-1 | VINETIC®-2CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (with patent indemnification fees for vocoders), -40°C to 85°C, tray |
| ▼ PEB 3332 F V2.1 | SP000065272 | PG-TQFP-64-1 | VINETIC®-2CPE: Single channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tape & reel |
| ▼ PEB 3342 HT V2.1 | SP000201618 | PG-TQFP-100-9 | VINETIC®-2ATA: Dual channel codec and VoIP DSP, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tray |
| PEB 3324 E V1.4-G | SP000108018 | PG-LBGA-176-3 | VINETIC®-4VIP: Four channel codec and VoIP DSP, G.723, G.729, G.728, T.38 fax relay, LEC, AAL2 and RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tray |
| PEB 3324 HL V1.4 | SP000008031 | PG-LQFP-176-2 | |
| ▼ PEB 3324 HL V1.4 PE | SP000017214 | PG-LQFP-176-2 | VINETIC®-4VIP: Four channel codec and VoIP DSP, G.723, G.729, G.728, T.38 fax relay, LEC, AAL2 and RTP (with patent indemnification fees for vocoders), large packing unit 240 pcs, 0°C to 85°C, tray |
| ▼ PEB 3324 HL V1.4 PE | SP000017208 | PG-LQFP-176-2 | VINETIC®-4VIP: Four channel codec and VoIP DSP, G.723, G.729, G.728, T.38 fax relay, LEC, AAL2 and RTP (with patent indemnification fees for vocoders), large packing unit 40 pcs, 0°C to 85°C, tray |
| ▼ PEB 3340 HT V2.1 | SP000201482 | PG-TQFP-100-9 | VINETIC®-CL: Two channel VoIP DSP with PCM interface, G.729, G.723.1, iLBC, LEC, T.38, RTP (without patent indemnification fees for vocoders), 0°C to 85°C, tray |
| ▼ PEF 3314 HL V2.2 | SP000018270 | PG-LQFP-176-2 | VINETIC®-4M: Four channel codec with VoIP DSP for G.728, AAL2 and RTP (without patent indemnification fees for vocoders), -40°C to 85°C, tray |
| ▼ PEF 3314 EL V2.2-G | SP000053926 | PG-LBGA-144-1 | |
| ▼ PEF 3314 E V2.2-G | SP000068753 | PG-LBGA-176-2 | |
| EASY 334 | SP000007929 | — | VINETIC®-4VIP: Evaluation board for PEB 3324. Evaluation board includes 1 x EASY 334 + 2 x SMART 4265 (SLIC-E) |

SLIC + Codec

| | | | |
|----------------------|-------------|---------------|--|
| ▼ PEF 3394 HL V2.2 | SP000231959 | PG-LQFP-176-2 | VINETIC®-4C: Fully programmable 4-channel CODEC with voice processing DSP, enhanced feature set, large packing unit 240 pcs, -40°C to 85°C, tray |
| ▼ PEF 3394 HL V2.2 | SP000018278 | PG-LQFP-176-2 | VINETIC®-4C: Fully programmable 4-channel CODEC with voice processing DSP, enhanced feature set, large packing unit 40 pcs, -40°C to 85°C, tray |
| ▼ PEF 3394 EL V2.2-G | SP000212320 | PG-LBGA-144-1 | VINETIC®-4C: Fully programmable 4-channel CODEC with voice processing DSP, enhanced feature set, large packing unit 160 pcs, -40°C to 85°C, tray |
| ▼ PEF 3394 EL V2.2-G | SP000053927 | PG-LBGA-144-1 | VINETIC®-4C: Fully programmable 4-channel CODEC with voice processing DSP, enhanced feature set, large packing unit 960 pcs, -40°C to 85°C, tray |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|---|
| Wired Communication Voice Access | | | |
| SLIC + Codec (cont'd) | | | |
| ▼ PEF 3304 EL V2.1-G | SP000223348 | PG-LBGA-144-1 | VINETIC®-4S: Fully programmable 4-channel CODEC with voice processing DSP, standard feature set, -40°C to 85°C, tape & reel |
| ▼ PEF 3304 EL V2.1-G | SP000054559 | PG-LBGA-144-1 | VINETIC®-4S: Fully programmable 4-channel CODEC with voice processing DSP, standard feature set, -40°C to 85°C, tray |
| ▼ PEF 3304 HL V2.1 | SP000053496 | PG-LQFP-176-2 | |
| ▼ PEF 3304 E V2.1-G | SP000053495 | PG-LBGA-176-3 | |
| ▼ PEB 3165 F V1.1 | SP000008162 | PG-TQFP-64-1 | SLICOFI®-1 (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tape & reel |
| ▼ PEB 3164 F V1.1 | SP000222941 | PG-TQFP-64-1 | SLICOFI®-1S (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tape & reel |
| ▼ PEB 3164 F V1.1 | SP000008146 | PG-TQFP-64-1 | SLICOFI®-1S (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tray |
| PEB 3265 F V1.5 | SP000007818 | PG-TQFP-64-1 | SLICOFI®-2 (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tape & reel |
| PEB 3265 F V1.5 | SP000007817 | PG-TQFP-64-1 | SLICOFI®-2 (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tray |
| PEB 3264 F V1.4 | SP000007820 | PG-TQFP-64-1 | SLICOFI®-2S (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tape & reel |
| PEB 3264 F V1.4 | SP000007819 | PG-TQFP-64-1 | SLICOFI®-2S (DuSLIC®): Single channel subscriber line interface codec filter, enhanced feature set, 0°C to 85°C, tray |
| ▼ PEB 2466 H V2.2 | SP000007516 | PG-MQFP-64-1 | SICOFI®-4μC (SICOFI® + FlexiSLIC™): Four channel codec filter with PCM and microcontroller interface, large packing unit 84 pcs, 0°C to 85°C, tray |
| PEB 2466 H V2.2 | SP000007517 | PG-MQFP-64-1 | SICOFI®-4μC (SICOFI® + FlexiSLIC™): Four channel codec filter with PCM and microcontroller interface, 0°C to 85°C, tape & reel |
| PEF 2466 H V2.2 | SP000007776 | PG-MQFP-64-1 | SICOFI®-4μC (SICOFI® + FlexiSLIC™): Four channel codec filter with PCM and microcontroller interface, -40°C to 85°C, tape & reel |
| ▼ PEB 2466 H V2.2 | SP000007515 | PG-MQFP-64-1 | SICOFI®-4μC (SICOFI® + FlexiSLIC™): Four channel codec filter with PCM and microcontroller interface, large packing unit 504 pcs, 0°C to 85°C, tray |
| PBL 38620/2 SOA | SP000017252 | PG-DSO-24-8 | PBL38620 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38620), -40°C to 85°C, tape & reel |
| PBL 38620/2 SHA | SP000007870 | P-SSOP-24-1 | |
| PBL 38620/2 SOT | SP000007890 | PG-DSO-24-8 | |
| PBL 38620/2 QNA | SP000017950 | PG-LCC-28-3 | |
| PBL 38621/2 SOA | SP000016951 | P-DSO-24-8 | PBL38621 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38621), -40°C to 85°C, tape & reel |
| PBL 38621/2 SHA | SP000007871 | PG-SSOP-24-1 | |
| PBL 38621/2 SOT | SP000007895 | P-DSO-24-8 | |
| PBL 38621/2 QNA | SP000017951 | P-LCC-28-3 | |
| PBL 38621/2 QNS | SP000007891 | P-LCC-28-2 | PBL38621 (SICOFI®+FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38621), -40°C to 85°C, pre-pack |
| PBL 38630/2 SOA | SP000017739 | P-DSO-24-8 | PBL38630 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38630), -40°C to 85°C, tape & reel |
| PBL 38630/2 SOT | SP000007899 | P-DSO-24-8 | |
| PBL 38630/2 QNA | SP000017952 | P-LCC-28-3 | |
| PBL 38630/2 QNT | SP000007897 | P-LCC-28-3 | |
| PBL 38630/2 SOS | SP000007898 | P-DSO-24-8 | PBL38630 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38630), -40°C to 85°C, pre-pack |
| PBL 38640/2 SOA | SP000016952 | P-DSO-24-8 | PBL38640 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38640), -40°C to 85°C, tape & reel |
| PBL 38640/2 SOT | SP000007903 | P-DSO-24-8 | |
| PBL 38640/2 QNT | SP000007901 | P-LCC-28-3 | |
| PBL 38640/2 QNA | SP000017953 | P-LCC-28-3 | |
| PBL 38650/2 QNT | SP000007905 | P-LCC-28-3 | PBL38650 (SICOFI® + FlexiSLIC™): Subscriber line interface circuit (SICOFI-4μC + PBL 38650), -40°C to 85°C, tape & reel |
| PBL 38650/2 QNA | SP000017954 | P-LCC-28-3 | |
| PBL 38650/2 QNS | SP000007904 | P-LCC-28-3 | |
| PBL 38650/2 QNS | SP000007904 | P-LCC-28-3 | |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|---|
| Wired Communication Voice Access | | | |
| SLIC + Codec (cont'd) | | | |
| ▼ PEB 4265 T V2.1 | SP000101234 | PG-DSO-20-5 | SLIC-E (DuSLIC®): Subscriber line interface circuit, enhanced feature set, -40°C to 85°C, tape & reel |
| ▼ PEB 4265 V V2.1 | SP000101233 | PG-VQFN-48-4 | |
| ▼ PEB 4265-2 V T V2.1 | SP000206901 | PG-DSO-20-5 | SLIC-E2 (DuSLIC®): Subscriber line interface circuit, enhanced feature set, -40°C to 85°C, tape & reel |
| ▼ PEB 4265-2 V V2.1 | SP000102911 | PG-VQFN-48-4 | |
| PEF 4268 F V1.2 | SP000211403 | PG-TQFP-48-1 | SLIC-DC (DuSLIC®): Subscriber line interface circuit, with integrated DC/DC converter, -40°C to 85°C, tape & reel |
| PEF 4268 F V1.2 | SP000063679 | PG-TQFP-48-1 | SLIC-DC (DuSLIC®): Subscriber line interface circuit, with integrated DC/DC converter, -40°C to 85°C, tray |
| PEF 4268 T V1.2 | SP000063678 | PG-DSO-24-8 | SLIC-DC (DuSLIC®): Subscriber line interface circuit, with integrated DC/DC converter, -40°C to 85°C, tape & reel |
| PEB 4266 V V1.2 | SP000007763 | PG-VQFN-48-4 | SLIC-P (DuSLIC®): Subscriber line interface circuit, enhanced power management, 0°C to 85°C, tape & reel |
| PEB 4266 T V1.2 | SP000007528 | PG-DSO-20-5 | |
| ▼ PEF 4264 V V2.1 | SP000231488 | PG-VQFN-48-4 | SLIC-S (DuSLIC®): Subscriber line interface circuit, standard feature set, -40°C to 85°C, tape & reel |
| ▼ PEF 4264 T V2.1 | SP000231489 | PG-DSO-20-5 | |
| ▼ PEF 4264-2 V V2.1 | SP000231405 | PG-VQFN-48-4 | SLIC-S2 (DuSLIC®): Subscriber line interface circuit, enhanced feature set, -40°C to 85°C, tape & reel |
| ▼ PEB 4264-2 T V2.1 | SP000231490 | PG-DSO-20-5 | |
| ▼ PEF 4365 T V2.1 | SP000099015 | PG-DSO-36-15 | TSLIC-E (DuSLIC®): Twin subscriber line interface circuit, enhanced feature set, -40°C to 85°C, tape & reel |
| PEB 4364 T V1.2 | SP000007727 | P-DSO-36-15 | TSLIC-S (DuSLIC®): Twin subscriber line interface circuit, standard feature set, 0°C to 85°C, tube |
| PEB 4364 T V1.2 | SP000007728 | P-DSO-36-15 | TSLIC-S (DuSLIC®): Twin subscriber line interface circuit, standard feature set, 0°C to 85°C, tape & reel |
| ▼ PEB 4262 V V1.1 | SP000008052 | PG-VQFN-48-4 | SLIC-LCP (DuSLIC®): Subscriber line interface circuit, for US market, 0°C to 85°C, tape & reel |
| ▼ PEB 3268 F V1.1 | SP000089806 | PG-TQFP-100-9 | DuSLIC®-SP: Dual channel subscriber line interface circuit in a single package, 0°C to 85°C, tray |
| EASY 3265 | SP000008002 | — | DuSLIC®. Tool package for DuSLIC® family. Tool package includes: 1 x SMART 3265 + 1 x SMART 4265 + 1 x SMART 2000 |
| SMART 3265 | SP000007987 | — | DuSLIC®. Evaluation board for DuSLIC® family. Evaluation board includes: 1 x SMART 3265 + 1 x SMART 4265 |
| EASY 2466 | SP000055577 | — | SICOFI® + FlexiSLIC™: Tool package for SICOFI® + FlexiSLIC™ family: Tool package includes: 1 x SMART 2466 + 2 x SMART 386x + 1 x SMART 2000 |
| ▼ SMART 4262 | SP000008102 | — | SLIC-LCP (DuSLIC®): Evaluation board for PEB 4262 |
| SMART 4265 P-VQFN-48 | SP000007989 | — | SLIC-E/SLIC-P/SLIC-S (DuSLIC®): Evaluation board for PEF 4265 or PEF 4266 or PEF 4264. PEF 4265 soldered on board |
| SMART 4265 P-DSO-20 | SP000007988 | — | |
| SMART 4268 | SP000008156 | — | SLIC-DC (DuSLIC®): Evaluation board for PEF 4268 |
| SMART 4365 P-DSO-36 | SP000007990 | — | TSLIC-E/TSLIC-S (DuSLIC®): Evaluation board for PEB 4365 and PEB 4364. PEF 4365 soldered on board |
| ▼ EASY 3268 | SP000204383 | — | DuSLIC®-SP: Tool package for PEB 3268. Tool package includes: 1 x SMART 3268 + 1 x SMART 2000 |
| ▼ SMART 3268 | SP000204343 | — | DuSLIC®-SP: Evaluation board for PEB 3268. Evaluation board includes: 1 x SMART 3268 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|--------------|---|
| Wired Communication Voice Access | | | |
| ISDN S/T and U_{pn} Transceiver | | | |
| PEB 3081 F V1.4 | SP000007636 | PG-TQFP-48-1 | SBCX-X: Full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tape & reel |
| PEB 3081 H V1.4 | SP000007583 | PG-MQFP-44-1 | |
| PEB 3081 F V1.4 | SP000007637 | PG-TQFP-48-1 | SBCX-X: Full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tray |
| ▼ PEB 3081 H V1.4 | SP000007584 | PG-MQFP-44-1 | |
| PEB 3086 F V1.4 | SP000007571 | PG-TQFP-64-1 | ISAC [®] -SX: Full duplex 2B + D S/T interface transceiver according to ITU-T I.430 with one D-channel HDLC controller and one B-channel HDLC controller with reduced functionality, tray |
| PEB 3086 H V1.4 | SP000007567 | PG-MQFP-44-1 | |
| PEB 3086 F V1.4 | SP000007572 | PG-TQFP-64-1 | ISAC [®] -SX: Full duplex 2B + D S/T interface transceiver according to ITU-T I.430 with one D-channel HDLC controller and one B-channel HDLC controller with reduced functionality, tape & reel |
| PEB 3086 H V1.4 | SP000007569 | PG-MQFP-44-1 | |
| PSB 3186 F V1.4 | SP000007585 | PG-TQFP-64-1 | ISAC [®] -SX-TE: ISDN subscriber access controller for terminals, full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tray |
| PSB 3186 H V1.4 | SP000007610 | PG-MQFP-44-1 | |
| ▼ PSB 3186 F V1.4 | SP000007586 | PG-TQFP-64-1 | ISAC [®] -SX-TE: ISDN subscriber access controller for terminals, full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tape & reel |
| PSB 21150 F V1.4 | SP000007575 | PG-TQFP-64-1 | IPAC-X: ISDN PC adapter circuit extended, full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tray |
| PSB 21150 H V1.4 | SP000007578 | PG-MQFP-64-1 | |
| ▼ PSB 21150 F V1.4 | SP000007577 | PG-TQFP-64-1 | IPAC-X: ISDN PC adapter circuit extended, full duplex 2B + D S/T interface transceiver according to ITU-T I.430, tape & reel |
| PSF 21150 F V1.4 | SP000007576 | PG-TQFP-64-1 | IPAC-X: ISDN PC adapter circuit extended, full duplex 2B + D S/T interface transceiver according to ITU-T I.430, -40°C to 85°C, tray |
| PEB 20590 H V2.2 | SP000007249 | PG-MQFP-80-1 | VIP: Versatile ISDN port. Eight ISDN interfaces with up to four S/T and four U _{pn} or eight U _{pn} interfaces, large packing unit 504 pcs, tray (only available with DELIC-LC/-PB) |
| PEB 20590 H V2.2 | SP000007251 | PG-MQFP-80-1 | VIP: Versatile ISDN port. Eight ISDN interfaces with up to four S/T and four U _{pn} or eight U _{pn} interfaces, large packing unit 84 pcs, tray (only available with DELIC-LC/-PB) |
| PEB 20591 H V2.2 | SP000007600 | PG-MQFP-80-1 | VIP-8: Versatile ISDN port. Eight ISDN interfaces with up to eight S/T or eight U _{pn} interfaces, tray (only available with DELIC-LC/-PB) |
| ▼ PEB 20591 H V2.2 | SP000240128 | PG-MQFP-80-1 | VIP-8: Versatile ISDN port. Eight ISDN interfaces with up to eight S/T or eight U _{pn} interfaces, tape & reel (only available with DELIC-LC/-PB) |
| SMART 3081 | on request | — | SBCX-X: Evaluation board for the PEB 3081. Additional tool: SMART 2000 |
| SMART 3086 | SP000007986 | — | ISAC [®] -SX, ISAC [®] -SX TE: Evaluation board for the PEB 3086 and PSB 3186. Additional tool: SMART 2000 |
| SMART 21150 | SP000007975 | — | IPAC-X: Evaluation board for the PSB 21150. Additional tool: SMART 2000 |
| SMART 2057 | SP000007973 | — | VIP: Evaluation board for PEB 20570 / PEB/PEF 20571 and PEB 20590 (evaluation board includes: DELIC-PB + VIP). Additional tool: SMART 2000 |
| SMART 2000 MAINBOARD | SP000007972 | — | SMART 2000: Mainboard |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|--|
| Wired Communication Voice Access | | | |
| ISDN PBX Controller | | | |
| PEB 20570 F V3.1 | SP000007243 | PG-TQFP-100-1 | DELIC-LC: Line card controller, supporting up to three VIP/VIP-8 (24 ISDN channels), large packing unit 90 pcs, tray |
| ▼ PEB 20570 F V1.3 | SP000007242 | PG-TQFP-100-1 | DELIC-LC: Line card controller, supporting up to three VIP/VIP-8 (24 ISDN channels), large packing unit 540 pcs, tray |
| PEB 20571 F V3.1 | SP000007541 | PG-TQFP-100-1 | DELIC-PB: PBX controller with integrated DSP, supporting up to three VIP/VIP-8 (24 ISDN channels), large packing unit 1400 pcs, tape & reel |
| PEB 20571 F V3.1 | SP000007540 | PG-TQFP-100-1 | DELIC-PB: PBX controller with integrated DSP, supporting up to three VIP/VIP-8 (24 ISDN channels), large packing unit 90 pcs, tray |
| ▼ PEB 20571 F V3.1 | SP000007539 | PG-TQFP-100-1 | DELIC-PB: PBX controller with integrated DSP, supporting up to three VIP/VIP-8 (24 ISDN channels), large packing unit 540 pcs, tray |
| PEF 20571 F V3.1 | SP000008000 | PG-TQFP-100-1 | DELIC-PB: PBX controller with integrated DSP, supporting up to three VIP/VIP-8 (24 ISDN channels), -40°C to 85°C, tray |
| SMART 2057 | SP000007973 | — | DELIC-PB/-LC: Evaluation board for PEB 20570/ PEB/PEF 20571 and PEB 20590 (evaluation board includes: DELIC-PB + VIP). Additional tool: SMART 2000 |
| SMART 2000 MAINBOARD | SP000007972 | — | SMART 2000: Mainboard |

ISDN Echo Cancellation Circuit

| | | | |
|----------------------|-------------|--------------|---|
| PEF 24902 H V2.1 | SP000007489 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, -40°C to 85°C, large packing unit 504 pcs, (only available as chipset IEC4-T/Q), tray |
| PEF 24902 H V2.1 | SP000007490 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, -40°C to 85°C, large packing unit 84 pcs, (only available as chipset IEC4-T/Q), tray |
| PEF 24902 H V2.1 | SP000007491 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, -40°C to 85°C, (only available as chipset IEC4-T/Q), tape & reel |
| ▼ PEB 24902 H V2.1 | SP000007347 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, 0°C to 85°C, large packing unit 504 pcs, (only available as chipset IEC4-T/Q), tray |
| PEB 24902 H V2.1 | SP000007348 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, 0°C to 85°C, large packing unit 84 pcs, (only available as chipset IEC4-T/Q), tray |
| PEB 24902 H V2.1 | SP000007349 | PG-MQFP-64-1 | AFE: 4-channel ISDN echocancellation circuit for 4B3T / 2B1Q line code, 0°C to 85°C, (only available as chipset IEC4-T/Q), tape & reel |
| PEF 24901 H V2.2 | SP000007535 | PG-MQFP-64-1 | DFE-T: 4-channel ISDN echocancellation circuit for 4B3T line code, -40°C to 85°C, (only available as chipset IEC4-T), tray |
| ▼ PEF 24901 H V2.2 | SP000007536 | PG-MQFP-64-1 | DFE-T: 4-channel ISDN echocancellation circuit for 4B3T line code, -40°C to 85°C, (only available as chipset IEC4-T), tape & reel |
| PEF 24911 H V2.2 | SP000008078 | PG-MQFP-64-1 | DFE-Q: 4-channel ISDN echocancellation circuit for 2B1Q line code, -40°C to 85°C, (only available as chipset IEC4-Q), tray |
| ▼ PEF 24911 H V2.2 | SP000008079 | PG-MQFP-64-1 | DFE-Q: 4-channel ISDN echocancellation circuit for 2B1Q line code, -40°C to 85°C, (only available as chipset IEC4-Q), tape & reel |
| ▼ SMART 24901 | on request | — | IEC4-T (PEB/PEF 24902 + 24901): Evaluation board for IEC4-T, Europe version, 4B3T line coding (evaluation board includes: Quad AFE + DFE-T + ELIC + IHPC). Additional tool: SMART 2000 |
| ▼ SMART 24911 | on request | — | IEC4-Q (PEB/PEF 24902 + 24911): Evaluation board for IEC4-Q chipset, USA/Japan version, 2B1Q line coding (evaluation board includes: Quad AFE + DFE-Q + ELIC + IHPC). Additional tool: SMART 2000 |
| SMART 2000 MAINBOARD | SP000007972 | — | SMART 2000: Mainboard |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|--------------|--|
| Wired Communication Voice Access | | | |
| ISDN/SHDSL Power Controller | | | |
| ▼ PEF 2026 T-S V1.1 | SP000007176 | PG-DSO-20-6 | IHPC: Single ISDN /SHDSL high voltage power controller, -40°C to 85°C, tube |
| ▼ PEF 2026 T-S V1.1 | SP000007178 | PG-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, -40°C to 85°C, tape & reel |
| PEF 2026 T-P V1.1 | SP000007174 | P-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, -40°C to 85°C, tube |
| ▼ PEB 2026 T-S V1.1 | SP000007175 | PG-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, 0°C to 85°C, tube |
| PEB 2026 T-S V1.1 | SP000007177 | P-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, 0°C to 85°C, tape & reel |
| PEB 2026 T-P V1.1 | SP000007173 | P-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, 0°C to 85°C, tape & reel |
| ▼ PEB 2026 T-P V1.1 | SP000007172 | P-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, 0°C to 85°C, large packing unit 155 pcs, tube |
| ▼ PEB 2026 T-P V1.1 | SP000007171 | P-DSO-20-6 | IHPC: Single ISDN/SHDSL high voltage power controller, 0°C to 85°C, large packing unit 1240 pcs, tube |
| ▼ PEF 2426 H V1.1 GD | SP000007499 | PG-MQFP-44-1 | QIHPC: Quad ISDN/SHDSL high voltage power controller, tape & reel |
| ▼ PEF 2426 H V1.1 D | SP000007497 | PG-MQFP-44-1 | QIHPC: Quad ISDN/SHDSL high voltage power controller, tray |
| ▼ SMART 2426 USA/JPN | on request | — | QIHPC: Evaluation board for PEF 2426, USA/Japan version, 2B1Q line coding (evaluation board includes: Quad AFE + DFE-T + ELIC + IHPC). Additional tool: SMART 2000 |
| ▼ SMART 2426 EURO | on request | — | QIHPC: Evaluation board for PEF 2426, Europe version, 4B3T line coding (evaluation board includes: Quad AFE + DFE-Q + ELIC + IHPC). Additional tool: SMART 2000 |
| SMART 2000 MAINBOARD | SP000007972 | — | SMART 2000: Mainboard |

PCM Interface Controller

| | | | |
|--------------------|-------------|--------------|--|
| ▼ PEF 2054 N V2.1 | SP000075438 | PG-LCC-44-1 | EPIC [®] -S: Extended PCM interface controller (16 ISDN or 32 analog subscribers), tape & reel |
| PEF 2054 N V2.1 | SP000007790 | P-LCC-44-1 | |
| ▼ PEF 2054 N V2.1 | SP000057916 | PG-LCC-44-1 | EPIC [®] -S: Extended PCM interface controller (16 ISDN or 32 analog subscribers), tube |
| ▼ PEF 2055 N V2.1 | SP000075706 | PG-LCC-44-1 | EPIC [®] -1: Extended PCM interface controller (32 ISDN or 64 analog subscribers), tube |
| PEF 2055 N V2.1 | SP000007791 | P-LCC-44-1 | |
| ▼ PEF 2055 N V2.1 | SP000075707 | PG-LCC-44-1 | EPIC [®] -1: Extended PCM interface controller (32 ISDN or 64 analog subscribers), tape & reel |
| PEF 20550 H V2.1 | SP000007795 | PG-MQFP-80-1 | ELIC [®] : Extended line card interface controller (32 ISDN or 64 analog subscribers), tape & reel |
| PEF 20550 H V2.1 | SP000007794 | P-MQFP-80-1 | ELIC [®] : Extended line card interface controller (32 ISDN or 64 analog subscribers), large packing unit 84 pcs, tray |
| ▼ PEF 20550 H V2.1 | SP000007793 | PG-MQFP-80-1 | ELIC [®] : Extended line card interface controller (32 ISDN or 64 analog subscribers), large packing unit 504 pcs, tray |
| ▼ SMART 24901 | on request | — | ELIC [®] : Evaluation board for PEF 20550, Europe version, 4B3T line coding (evaluation board includes: Quad AFE + DFE-T + ELIC + IHPC). Additional tool: SMART 2000 |
| ▼ SMART 24911 | on request | — | ELIC [®] : Evaluation board for PEF 20550, USA/Japan version, 2B1Q line coding (evaluation board includes: Quad AFE + DFE-Q + ELIC + IHPC). Additional tool: SMART 2000 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|--------------|--|
| Wired Communication Voice Access | | | |
| ISDN Network Termination Controller (NT1, iNT) | | | |
| PEF 80902 H V1.1 | SP000007563 | PG-MQFP-44-2 | T-SMINT [®] -O: 4B3T second generation modular ISDN NT (ordinary), tape & reel |
| PEF 80902 H V1.1 | SP000007562 | PG-MQFP-44-2 | T-SMINT [®] -O: 4B3T second generation modular ISDN NT (ordinary), tray |
| PEF 82902 F V1.1 | SP000007565 | PG-TQFP-64-1 | T-SMINT [®] -I: 4B3T second generation modular ISDN NT (intelligent), tray |
| ▼ PEF 82902 F V1.1 | SP000007566 | PG-TQFP-64-1 | T-SMINT [®] -I: 4B3T second generation modular ISDN NT (intelligent), tape & reel |
| ▼ PEF 81902 F V1.1 | SP000007564 | PG-TQFP-64-1 | T-SMINT [®] -IX: 4B3T second generation modular ISDN NT (intelligent extended), tray |
| PEF 80912 H V1.4 | SP000007554 | PG-MQFP-44-2 | Q-SMINT [®] -O: 2B1Q second generation modular ISDN NT (ordinary), large packing unit 96 pcs, tray |
| ▼ PEF 80912 H V1.4 | SP000007553 | PG-MQFP-44-2 | Q-SMINT [®] -O: 2B1Q second generation modular ISDN NT (ordinary), large packing unit 576 pcs, tray |
| ▼ PEF 80912 H V1.4 | SP000007555 | PG-MQFP-44-2 | Q-SMINT [®] -O: 2B1Q second generation modular ISDN NT (ordinary), tape & reel |
| PEF 82912 F V1.4 | SP000007558 | PG-TQFP-64-1 | Q-SMINT [®] -I: 2B1Q second generation modular ISDN NT (intelligent), tray |
| ▼ PEF 82912 F V1.4 | SP000007559 | PG-TQFP-64-1 | Q-SMINT [®] -I: 2B1Q second generation modular ISDN NT (intelligent), tape & reel |
| SIP 80912 | SP000007970 | — | Q-SMINT [®] -O: Evaluation board for PEF 80912 |
| ▼ SIP 82912 | on request | — | Q-SMINT [®] -I: Evaluation board for PEF 82912 |

16-Bit Microcontroller for ISDN

| | | | |
|------------------------|-------------|---------------|---|
| SAF C161U-LF V1.3 | SP000007502 | PG-TQFP-100-1 | C161U: 16-bit microcontroller with USB, tray |
| SAF C165H-LF V1.3 | SP000007668 | P-TQFP-144-2 | C165U: 16-bit microcontroller with HDLC and IOM [®] -2, large packing unit 60 pcs, tray |
| ▼ SAF C165H-LF V1.3 | SP000007667 | PG-TQFP-144-2 | C165U: 16-bit microcontroller with HDLC and IOM [®] -2, large packing unit 360 pcs, tray |
| ▼ SAF C165H-LF V1.3 | SP000007669 | PG-TQFP-144-2 | C165H: 16-bit microcontroller with HDLC and IOM [®] -2, tape & reel |
| SAF C165UTAH-LF V1.3 | SP000007475 | PG-TQFP-144-2 | UTAH: 16-bit microcontroller with USB, HDLC and IOM [®] -2, large packing unit 60 pcs, tray |
| ▼ SAF C165UTAH-LF V1.3 | SP000007474 | PG-TQFP-144-2 | UTAH: 16-bit microcontroller with USB, HDLC and IOM [®] -2, large packing unit 360 pcs, tray |
| SAF C165UTAH-LF V1.3 | SP000007476 | PG-TQFP-144-2 | UTAH: 16-bit microcontroller with USB, HDLC and IOM [®] -2, tape & reel |
| EASY C161U | SP000007940 | — | C161U: Evaluation board for SAF-C161U |
| EASY UTAH | SP000007941 | — | UTAH: Evaluation board for SAF-C165UTAH/SAF-C165H |

VoIP Terminals

| | | | |
|----------------------|-------------|---------------|---|
| ▼ PSB 21553 E V1.4-G | SP000017644 | PG-LBGA-324-3 | INCA [®] -IPs: Single-chip IP-phone solution with integrated 3-port ethernet switch, tape & reel |
| ▼ PSB 21553 E V1.4-G | SP000056178 | PG-LBGA-324-3 | INCA [®] -IPs: Single-chip IP-phone solution with integrated 3-port ethernet switch, tray |
| ▼ PSB 21521 E V1.4-G | SP000007840 | PG-LBGA-324-3 | INCA [®] -IPc: Single-chip IP-phone solution with single 10/100BaseT ethernet port, tape & reel |
| ▼ PSB 21521 E V1.4-G | SP000226522 | PG-LBGA-324-3 | INCA [®] -IPc: Single-chip IP-phone solution with single 10/100BaseT ethernet port, tray |
| ▼ EASY 21553 | SP000007917 | — | INCA [®] -IP: Evaluation board for PSB 21553 |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|---|---------------|---------------|---|
| Wired Communication Voice Access | | | |
| ISDN Terminals | | | |
| PSB 21382 H V1.3 | SP000007373 | PG-MQFP-64-1 | SCOUT™-S: Siemens codec with S/T transceiver, tray |
| PSB 21383 H V1.3 | SP000007532 | PG-MQFP-44-1 | SCOUT™-SX: Siemens codec with S/T transceiver featuring speakerphone functionality, tape & reel |
| ▼ PSB 21383 H V1.3 | SP000007531 | PG-MQFP-44-1 | SCOUT™-SX: Siemens codec with S/T transceiver featuring speakerphone functionality, large packing unit 96 pcs, tray |
| ▼ PSB 21383 H V1.3 | SP000007530 | PG-MQFP-44-1 | SCOUT™-SX: Siemens codec with S/T transceiver featuring speakerphone functionality, large packing unit 576 pcs, tray |
| PSB 21384 H V1.3 | SP000007374 | PG-MQFP-64-1 | SCOUT™-SX: Siemens codec with S/T transceiver featuring speakerphone functionality, tray |
| ▼ PSB 21384 H V1.3 | SP000007375 | PG-MQFP-64-1 | SCOUT™-SX: Siemens codec with S/T transceiver featuring speakerphone functionality, tape & reel |
| PSB 21373 H V1.1 | SP000007602 | PG-MQFP-44-1 | SCOUT™-DX: Siemens codec with 2-wire data transceiver featuring speakerphone function, tape & reel |
| PSB 21391 H V1.3 | SP000007376 | PG-MQFP-44-1 | SCOUT™-P: Siemens codec with U _{pn} transceiver, tray |
| ▼ PSB 21391 H V1.3 | SP000007377 | PG-MQFP-44-1 | SCOUT™-P: Siemens codec with U _{pn} transceiver, tape & reel |
| PSB 21393 H V1.3 | SP000007533 | PG-MQFP-44-1 | SCOUT™-PX: Siemens codec with U _{pn} transceiver featuring speakerphone functionality, tray |
| PSB 21393 H V1.3 | SP000007534 | PG-MQFP-44-1 | SCOUT™-PX: Siemens codec with U _{pn} transceiver featuring speakerphone functionality, tape & reel |
| ▼ PSB 21493 H V1.7 | SP000007996 | P-MQFP-144-1 | INCA®-P: Infineon codec with U _{pn} transceiver and embedded microcontroller featuring acoustic echo cancellation, tape & reel |
| ▼ PSB 21493 H V1.7 | SP000103945 | P-MQFP-144-1 | INCA®-P: Infineon codec with U _{pn} transceiver and embedded microcontroller featuring acoustic echo cancellation, tray |
| PSB 21483 F V1.7 | SP000007699 | PG-TQFP-144-1 | INCA®-S: Infineon codec with S/T transceiver and embedded microcontroller featuring acoustic echo cancellation, tray |
| ▼ PSB 21473 F V1.3 | SP000007701 | PG-TQFP-144-1 | INCA®-D: Infineon codec with DASL transceiver and embedded microcontroller featuring acoustic echo cancellation, tape & reel |
| ▼ PSB 21473 F V1.3 | SP000007700 | PG-TQFP-144-1 | INCA®-D: Infineon codec with DASL transceiver and embedded microcontroller featuring acoustic echo cancellation, tray |
| SMART 21384 | SP000007976 | — | SCOUT™-S/-SX: Evaluation board for PSB 21382/84. Additional tool: SMART 2000 |
| ▼ SMART 21383 | on request | — | SCOUT™-SX: Evaluation board for PSB 21383. Additional tool: SMART 2000 |
| SMART 21393 EURO | SP000007977 | — | SCOUT™-P/-PX: Evaluation board for PSB 21391/93 Europe version. Additional tool: SMART 2000 |
| ▼ SMART 21393 USA | on request | — | SCOUT™-P/-PX: Evaluation board for PSB 21391/93 USA version. Additional tool: SMART 2000 |
| SIPB 21493 | SP000007967 | — | INCA-P®: Evaluation board for 21493 |
| ▼ SIPB 21483 | on request | — | INCA®-S: Evaluation board for PSB 21483 |
| ▼ SIPB 21486 | on request | — | INCA®-P; INCA®-S: Acoustic box (20 Ohm) for PSB 21493 and PSB 21483 |
| SMART 2000 MAINBOARD | SP000007972 | — | SMART 2000: Mainboard |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|---------------|---|
| Wired Communication Broadband CPE | | | |
| Network Processor | | | |
| ADM 5120 X AB T2-G | SP000078983 | PG-BGA-324-1 | Network Processor: System-on-chip home gateway controller, USB 1.1, PCI, 5TP+GMII, tray |
| ADM 5120 PX AB T2 | SP000081012 | PG-FQFP-208-9 | Network Processor: System-on-chip home gateway controller, USB 1.1, 5TP+MII, tray |
| EASY 5120-RT | SP000017922 | — | Network Processor: Evaluation board for ADM5120 (X) (Wireless VoIP router reference package) |
| EASY 5120-WVOIP RT | SP000017943 | — | Network Processor: Evaluation board for ADM5120 (X) (2-channel ATA VoIP router reference package) |

Wireless System On-Chip (SoC)

| | | | |
|---------------------|-------------|--------------|--|
| ▼ ADM 8668 FX A12-G | SP000208946 | PG-BGA-352-1 | Wildpass: Wireless network bridging system-on-chip, WLAN (WMAC+BBP), USB 2.0, 1TP+1MII |
| ▼ ADM 8668 TX A12 | SP000208947 | PG-BGA-289-1 | Wildpass: Wireless network bridging system-on-chip, WLAN (WMAC+BBP), USB 2.0, 1TP+1MII, PCI bridge, tray |
| ▼ EASY 8668 F | SP000068129 | — | Wildpass: Evaluation board for ADM 8668 F(X) |

Network Interface Card (NIC)

| | | | |
|--------------------|-------------|---------------|--|
| AN 983 BX BG TV1 | SP000075554 | PG-MQFP-128-2 | NIC: PCI to fast ethernet NIC controller, tray |
| ▼ AN 983 BX BG TV3 | SP000103413 | PG-MQFP-128-2 | |
| AN 983 BLX BG TV1 | SP000076446 | PG-LQFP-128-1 | |
| ▼ AN 983X AH T 21 | SP000078897 | PG-MQFP-128-2 | |
| ▼ AN 983X AH T 22 | SP000078898 | PG-MQFP-128-2 | |
| ▼ AN 985 BX BG TV1 | SP000076447 | PG-LQFP-128-1 | NIC: Cardbus to fast ethernet NIC controller, tray |
| ADM 8511 X CC T1 | SP000076521 | PG-LQFP-100-1 | NIC: USB 1.1 to fast ethernet NIC controller, tray |
| ADM 8513 X AD T1 | SP000077769 | PG-LQFP-48-1 | NIC: USB 1.1 to fast ethernet NIC controller, tray |
| ▼ ADM 8515X AC T1 | SP000064377 | PG-LQFP-100-1 | NIC: USB 2.0 to ethernet NIC controller, tray |
| ▼ EASY 7001 NIC | SP000018110 | — | NIC: Evaluation board for AN 983 B(X) (including ADM 7001) |
| ▼ EASY 8511 | SP000067472 | — | NIC: Evaluation board for ADM 8511 (X) |
| EASY 8515 | SP000017920 | — | NIC: Evaluation board for ADM 8515 (X) |

Switch/Phy

| | | | |
|----------------------|-------------|---------------|--|
| ADM 6992 X AD T1 | SP000076445 | PG-MQFP-128-2 | Ninja: Fiber-to-fast ethernet converter, tray |
| ▼ ADM 6992 SX AB T1 | SP000223283 | PG-TQFP-64-4 | |
| ▼ ADM 6992 CX AB T1 | SP000076431 | PG-TQFP-64-4 | Ninja: Two port fiber-to-fast ethernet converter bridge, tray |
| ▼ ADM 6992 FX AB T1 | SP000077768 | PG-MQFP-128-2 | Ninja: Fiber-to-fast ethernet converter with OAM engine for TS-1000 protocol conversion, tray |
| ▼ ADM 6992 KX AB T1 | SP000076432 | PG-TQFP-64-4 | Ninja: Fiber-to-fast ethernet converter with integrated three port L2 switch, tray |
| ▼ EASY 6992 C | SP000017946 | — | Ninja: Evaluation board for ADM 6992 C(X) |
| EASY 6992 F | SP000017947 | — | Ninja: Evaluation board for ADM 6992 F(X) |
| EASY 6992 K | SP000017944 | — | Ninja: Evaluation board for ADM 6992 K(X) |
| ▼ ADM 6993 X AD T1 | SP000076438 | PG-MQFP-128-2 | Ninja: Fiber-to-fast ethernet converter with integrated three port L2 switch, tray |
| ▼ ADM 6993 FX AD T1 | SP000016437 | PG-MQFP-128-2 | Ninja: Fiber-to-fast-ethernet converter with integrated three port L2 switch, OAM engine for TS-1000 protocol conversion, tray |
| ▼ EASY 6993 F | SP000017919 | — | Ninja: Evaluation board for ADM 6993 F(X) |
| ▼ ADM 6995 LCX AD T1 | SP000219864 | PG-MQFP-128-2 | Samurai: Five port L2 ethernet switch controller, 5TP, MDC/MDIO, tray |
| ▼ ADM 6996 FCX AD T1 | SP000219863 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 4TP+2MII, MDC/MDIO, tray |
| ▼ ADM 6996 FCX AD R1 | SP000229744 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 4TP+2MII, MDC/MDIO, tape & reel |
| ▼ ADM 6996 IX AD T1 | SP000219861 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 5TP+1MII, extra function on IGMP, QOS, tray |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|---------------|--|
| Wired Communication Broadband CPE | | | |
| Switch/Phy (cont'd) | | | |
| ▼ ADM 6996 LCX AD R1 | SP000228446 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 5TP+1MII, tape & reel |
| ▼ ADM 6996 LCX AD T1 | SP000219862 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 5TP+1MII, MDC/MDIO, tray |
| ▼ ADM 6996 MX AD T1 | SP000210310 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 4TP+2MII, MDC/MDIO, extra function on IGMP, QOS, tray |
| ▼ ADM 6996 HX AD T1 | SP000220561 | PG-MQFP-128-2 | Samurai: Six port L2 ethernet switch controller, 4TP+1MII+1HDLC, MDC/MDIO, extra function on IGMP, QOS, tray |
| EASY 6996 FC | SP000062347 | — | Samurai: Evaluation board for ADM 6996 FC(X) |
| ▼ EASY 6996 I | SP000062345 | — | Samurai: Evaluation board for ADM 6996 I(X) |
| EASY 6996 I CPU | SP000084733 | — | Samurai: Evaluation board for ADM 6996 I(X) with CPU |
| EASY 6996 LC | SP000062346 | — | Samurai: Evaluation board for ADM 6996 LC(X) |
| EASY 6996 M | SP000062344 | — | Samurai: Evaluation board for ADM 6996 M(X) |
| ▼ EASY 6996 M CPU | SP000084732 | — | Samurai: Evaluation board for ADM 6996 M(X) with CPU |
| ADM 6999 X A2 T1 | SP000076443 | PG-MQFP-128-2 | Switch: Nine-port L2 ethernet switch controller, 8TP+1MII, tray |
| ▼ ADM 6999 GX A2 T1 | SP000076440 | PG-MQFP-128-2 | Switch: Nine-port L2 switch controller, 8TP+1GMII, tray |
| ▼ ADM 6999 UX A2 T1 | SP000076439 | PG-MQFP-128-2 | Switch: Nine-port L2 ethernet switch controller, 8TP+1.6GMII, tray |
| EASY 6999 | SP000018106 | — | Switch: Evaluation board for ADM 6999 (X) |
| EASY 6999 U | SP000018108 | — | Switch: Evaluation board for ADM 6999 U(X) |
| ▼ EASY 6999 G | SP000018107 | — | Switch: Evaluation board for ADM 6999 G(X) |
| ADM 7001 X AC T1 | SP000076255 | PG-LQFP-48-1 | Phy: One-port 10/100Mbit/s phy, tray |
| ▼ ADM 7001 X AC R1 | SP000083260 | PG-LQFP-48-1 | Phy: One-port 10/100Mbit/s phy, tape & reel |
| EASY 7001 MII | SP000018109 | — | Phy: Evaluation board for ADM 7001 (X) |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--|---------------|---------------|--|
| Wireless Communication | | | |
| WLAN | | | |
| ▼ ADM 8262 X AC T1 | SP000208914 | PG-LQFP-128-1 | Wildcard G: Wireless Lan 802.11a/b/g MAC + BBP single chip controller with PCI, mini-PCI and Cardbus interface, tray |
| ▼ ADM 8266 A21 | SP000098969 | PG-LQFP-128-1 | Wildcard USB: 802.11a/b/g MAC + BBP single chip WiFi Controller with USB interface, tray |
| ▼ ADM 8266M A21 | SP000098970 | PG-LQFP-128-1 | |
| ▼ PEF 8820 V | SP000054913 | PG-VQFN-48-1 | Lucky Warp: 802.11 a/b/g RF transceiver, tape & reel |
| EASY 8262 MINI PCI | SP000018113 | — | Wildcard G: Evaluation board for ADM 8262 |
| EASY 8262 CARDBUS | SP000018111 | — | |
| ▼ EASY 8266 USB | SP000054643 | — | Wildcard USB: Evaluation board for ADM 8266 (Dongle) |
| ▼ EASY 8266 COMBO | on request | — | Wildcard G: Evaluation board for ADM 8266 (memory stick combo) |
| Bluetooth® | | | |
| ◆▼ PMB 8761 G V3.29 | SP000095537 | PG-VQFN-48-1 | BlueMoon Single Cellular: Bluetooth® 1.2 HCI single chip, tape & reel |
| ◆▼ PMB 8753 J V2.07 | SP000226865 | PG-WFSGA-65 | BlueMoon Single Cellular: CF-Card for PMB 8761 (BlueMoon Single Cellular), tape & reel |
| ◆▼ PMB 8753 A V2.07 | SP000226864 | PG-WFSGA-65 | |
| ◆▼ PBA 31307/1R2A | SP000009862 | L-MLGA-72 | Single Stone Module: Bluetooth® 1.2 HCI based module, tape & reel |
| ◆▼ PBA 31308 | SP000209746 | P-MODUL-1 | Uni Stone Module: Bluetooth® 2.0 HCI based module with Enhanced Data Rate (EDR), tape & reel |
| ◆▼ BlueMoon Single Cellular Kit | on request | — | BlueMoon Single Cellular: Evaluation board for PMB 8761 Evaluation kit includes: 2 x mainboard and 2 x card |
| ◆▼ BlueMoon Single Cellular CF-Card | on request | — | BlueMoon Single Cellular: CF-Card for PMB 8761 |
| ◆▼ BlueMoon Uni Cellular Kit | on request | — | BlueMoon Uni Cellular: Evaluation board for PMB 8761 Evaluation kit includes: 2 x mainboard and 2 x card |
| ◆▼ BlueMoon Uni Cellular CF-Card | on request | — | BlueMoon Uni Cellular: CF-Card for PMB 8761 |
| ◆▼ BlueMoon Singlestone Cellular Kit | on request | — | Singlestone Module: Evaluation board for PBA 31307 Evaluation kit includes: 2 x mainboard and 2 x card |
| ◆▼ BlueMoon Singlestone Cellular CF-Card | on request | — | Singlestone Module: CF-Card for PBA 31307 |
| ◆▼ BlueMoon Unistone Cellular Kit | on request | — | Unistone Module: Evaluation board for PBA 31308 Evaluation kit includes: 2 x mainboard and 2 x card |
| ◆▼ BlueMoon Unistone Cellular CF-Card | on request | — | Unistone Module: CF-Card for PBA 31308 |
| Digital Cordless Telephony (DECT) | | | |
| PMB 6818 R V1.1 | SP000008828 | PG-TSSOP-10-1 | Dect: Power amplifier, tape & reel |
| PMB 6819 R V1.1 | SP000008753 | PG-TSSOP-10-1 | Dect: 2 V power amplifier, tape & reel |
| ▼ PMB 6610 R V2.1W | SP000055958 | PG-TSSOP-38-1 | Dect: Low-IF transceiver for DECT, tape & reel |
| PMB 6610 R V2.1A | SP000106609 | P-TSSOP-38-1 | |
| ▼ PMB 7610 R V1.1 | SP000008752 | PG-TSSOP-38-1 | Dect: Transceiver with improved density, tape & reel |
| ▼ PMB 6723 F V1.4 FL | SP000008714 | PG-TQFP-100-1 | Dect: Handset controller with handsfree capability, tape & reel |
| ▼ PMB 6723 F V1.423 | SP000217504 | PG-TQFP-100-1 | |
| ▼ PMB 7722 F V1.4 FL | SP000008975 | PG-TQFP-100-1 | Dect: Handset controller with walkie-talkie function, large packing unit 1400 pcs, tape & reel |
| ▼ PMB 7722 F V1.4 FL | SP000008974 | PG-TQFP-100-1 | Dect: Handset controller with walkie-talkie function, large packing unit 1000 pcs, tape & reel |
| ▼ PMB 5737 F V3.552 PCC | SP000008709 | P-TQFP-144-1 | Dect: Basestation controller with SMS functionality, tape & reel |
| ▼ PMB 5737 F V3.5 | SP000008707 | P-TQFP-144-1 | |
| ▼ PMB 6725 XF V1.5 FL | SP000008732 | PG-TQFP-100-1 | Dect: Basestation controller with external ROM/RAM interface, tape & reel |
| ▼ PMB 6725 XF V1.565 | SP000008725 | PG-TQFP-100-1 | |
| PMB 6725 XF V1.592 | SP000008731 | P-TQFP-100-1 | |
| ▼ PMB 7725 XF V1.3 FL | SP000008907 | PG-TQFP-100-1 | Dect: Basestation controller with SMS functionality, tape & reel |
| ▼ PMB 7725 H V1.3115 | SP000089006 | P-MQFP-64-1 | |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|-------------------------------|---------------|---------------|--|
| Wireless Communication | | | |
| 2.4-GHz WDCT | | | |
| ▼ PMB 4823 R V1.1 | SP000008698 | PG-TSSOP-10-1 | Dect: WDCT power amplifier, tape & reel |
| ▼ PMB 6823 R V1.1 | SP000008815 | PG-TSSOP-10-1 | Dect: WDCT 2 V power amplifier, tape & reel |
| PMB 6618 R V2.1 | SP000009044 | PG-TSSOP-38-1 | Dect: Low-IF transceiver for 2.4-GHz WDCT, tape & reel |
| ▼ PMB 6724 F V1.4 FL | SP000008716 | P-TQFP-100-1 | Dect: WDCT Handset Controller, tape & reel |
| ▼ PMB 7724 F V1.406 | SP000079572 | PG-TQFP-100-1 | Dect: WDCT Handset Controller with walkie-talkie function, tape & reel |
| ▼ PMB 7724 H V1.406 | SP000016802 | PG-MQFP-64-1 | |
| ▼ PMB 5736 U | SP000065010 | P-TQFP-144-1 | Dect: WDCT Basestation Controller with integrated answering machine, tape & reel |
| ▼ PMB 6726 XF V1.5 FL | SP000008875 | P-TQFP-100-1 | Dect: WDCT Basestation Controller with external ROM-/RAM interface, tape & reel |
| ▼ PMB 6726 XF V1.543 | SP000008877 | P-TQFP-100-1 | |
| ▼ PMB 7726 H V1.304 | SP000008953 | P-MQFP-64-1 | Dect: WDCT Basestation Controller with increased memory size, tape & reel |

RF Power GOLDMOS®

| | | | |
|---------------------|-------------|---------------|---|
| ◆▼ PTF 040551E | SP000082501 | H-30265-2-1 | High power RF LDMOSFET, 55 W, 450-MHz to 500-MHz bandwidth, tray |
| ◆▼ PTF 041501E V1.0 | SP000064068 | H-30260-2-1 | High power RF LDMOSFET, 150 W, 450-MHz to 500-MHz bandwidth, tray |
| ◆▼ PTF 080101M | SP000082763 | PG-TSSOP-10-1 | High power RF LDMOSFET, 10 W, 860-MHz to 960-MHz bandwidth, tape & reel |
| ◆ PTF 080101S V1.0 | SP000018181 | H-32259-2-1 | High power RF LDMOSFET, 10 W, 860-MHz to 960-MHz bandwidth, tray |
| ◆ PTF 080901E V1.0 | SP000009921 | H-30248-2-1 | High power RF LDMOSFET, 90 W, 860-MHz to 960-MHz bandwidth, tray |
| ◆ PTF 080901F V1.0 | SP000009922 | H-31248-2-1 | |
| ◆ PTF 081301E V1.0 | SP000017347 | H-30248-2-1 | High power RF LDMOSFET, 130 W, 860-MHz to 960-MHz bandwidth, tray |
| ◆ PTF 082001E V1.0 | SP000017756 | H-30260-2-1 | High power RF LDMOSFET, 200 W, 860-MHz to 960-MHz bandwidth, tray |
| ◆▼ PTF 140451E V1.0 | SP000102183 | H-30265-2-1 | High power RF LDMOSFET, 45 W, 1450-MHz to 1500-MHz bandwidth, tray |
| ◆▼ PTF 141501E V1.0 | SP000095458 | H-30260-2-1 | High power RF LDMOSFET, 150 W, 1450-MHz to 1500-MHz bandwidth, tray |
| ◆▼ PTF 180101M V1.0 | SP000076951 | PG-TSSOP-10-1 | High power RF LDMOSFET, 10 W, 1800-MHz to 1900-MHz bandwidth, tape & reel |
| ◆ PTF 180101S V1.0 | SP000009989 | H-32259-2-1 | |
| ◆▼ PTF 180301E V1.0 | SP000017754 | H-30265-2-1 | High power RF LDMOSFET, 30 W, 1800-MHz to 2000-MHz bandwidth, tray |
| ◆ PTF 180901E V1.0 | SP000009918 | H-30248-2-1 | High power RF LDMOSFET, 90 W, 1800-MHz to 2000-MHz bandwidth, tray |
| ◆ PTF 180901F V1.0 | SP000009917 | H-31248-2-1 | |
| ◆ PTF 181301E V1.0 | SP000017571 | H-30260-2-1 | High power RF LDMOSFET, 130 W, 1800-MHz to 2000-MHz bandwidth, tray |
| ◆ PTF 191601E V1.0 | SP000018182 | H-30260-2-1 | High power RF LDMOSFET, 160 W, 1800-MHz to 2000-MHz bandwidth, tray |
| ◆▼ PTF 210101M V1.0 | SP000076952 | PG-TSSOP-10-1 | High power RF LDMOSFET, 20 W, 2100-MHz to 2170-MHz bandwidth, tape & reel |
| ◆ PTF 210301E V1.0 | SP000009913 | H-30265-2-1 | High power RF LDMOSFET, 30 W, 2110-MHz to 2170-MHz bandwidth, tray |

SMD = Surface Mounted Device

Communication

| Type | Ordering Code | Package | Description |
|--------------------------------------|---------------|-------------|---|
| Wireless Communication | | | |
| RF Power GOLDMOS® (cont'd) | | | |
| ◆ PTF 211301E V1.0 | SP000017750 | H-30260-2-1 | High power RF LDMOSFET, 130 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTF 240101S V1.0 | SP000082764 | H-32259-2-1 | High power RF LDMOSFET, 10 W, 2400-MHz to 2500-MHz bandwidth, tray |
| ◆▼ PTFA 043002E V1.0 | SP000082722 | H-30275-4-1 | High power RF LDMOSFET, 300 W, 470-MHz to 860-MHz bandwidth, tray |
| ◆▼ PTFA 191001E V1.0 | SP000056796 | H-30248-2-1 | High power RF LDMOSFET, 100 W, 1930-MHz to 1990-MHz bandwidth, tray |
| ◆▼ PTFA 210451E V1.0 | SP000082505 | H-30265-2-1 | High power RF LDMOSFET, 45 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTFA 210601E V1.0 | SP000102489 | H-30265-2-1 | High power RF LDMOSFET, 60 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTFA 211001E V1.0 | SP000064069 | H-30248-2-1 | High power RF LDMOSFET, 100 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTFA 211801E V1.0 | SP000065496 | H-30260-2-1 | High power RF LDMOSFET, 180 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTFA 211801F V1.0 | SP000075700 | H-31260-2-1 | |
| ◆▼ PTFA 212002E V1.0 | SP000074111 | H-30275-2-1 | High power RF LDMOSFET, 220 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ PTFA 240451E V1.0 | SP000063673 | H-30265-2-1 | High power RF LDMOSFET, 45 W, 2400-MHz to 2500-MHz bandwidth, tray |
| ◆▼ PTFA 241301E V1.0 | SP000082766 | H-30260-2-1 | High power RF LDMOSFET, 130 W, 2400-MHz to 2500-MHz bandwidth, tray |
| ◆▼ PTFA 260451E V1.0 | SP000063672 | H-30265-2-1 | High power RF LDMOSFET, 45 W, 2620-MHz to 2680-MHz bandwidth, tray |
| ◆▼ PTFA 261301E | SP000086852 | H-30260-2-1 | High power RF LDMOSFET, 130 W, 2620-MHz to 2680-MHz bandwidth, tray |

Tuner ICs

| | | | |
|------------------------|-------------|---------------|--|
| TUA 6020 | SP000012798 | PG-TSSOP-28-1 | Tuner: 2-band TV tuner mixer-oscillator-PLL with balanced IF-amplifier, for analog and stationary TV reception, tape & reel |
| TUA 6024-2 | SP000012767 | PG-TSSOP-28-1 | |
| KTS 6027-2 | SP000013185 | PG-TSSOP-28-1 | Tuner: 2-band TV tuner mixer-oscillator-PLL with unbalanced IF-amplifier, for analog TV reception, tape & reel |
| KTS 6029-2 | SP000013186 | PG-TSSOP-28-1 | |
| ▼ TUA 1030 DRYPACK | SP000013616 | PG-TSSOP-24-1 | Tuner: WDCT Basestation Controller, for analog TV reception, tape & reel |
| TUA 6030 | SP000012954 | PG-TSSOP-38-1 | Tuner: 3-band RF Tuner for PAL/NTSC, DVB-C, ATSC and DOCSIS with MOPLL (mixer, oscillator and digitally programmable PLL), for analog and stationary TV reception, tape & reel |
| TUA 6034 T | SP000013610 | PG-TSSOP-38-1 | Taifun: Full 3-band RF tuner for PAL/NTSC, DVB-T, DVB-C, ISDB-T, ATSC and OPEN CABLE standard with MOPLL (mixer, oscillator and digitally programmable PLL), for stationary and portable TV reception, tape & reel |
| TUA 6034 V | SP000017969 | PG-VQFN-48-1 | |
| TUA 6036 T | SP000014627 | PG-TSSOP-38-1 | Taifun: Full 3-band RF tuner for PAL/NTSC, DVB-T, DVB-C, ISDB-T, ATSC and OPEN CABLE standard with MOPLL (mixer, oscillator and digitally programmable PLL), for stationary TV reception, tape & reel |
| TDA 6190 T GEG DRYPACK | SP000012811 | PG-DSO-16-1 | Tuner: Digital TV mixer for QAM or QFDM modulated signals, for stationary TV reception, tape & reel |
| TDA 6190 T GEG | SP000012810 | PG-DSO-16-1 | |
| TDA 6192 T DRYPACK | SP000013410 | PG-TSSOP-16-1 | Tuner: Direct IF sampling amplifier, for stationary and portable TV reception, tape & reel |
| TDA 6192 T | SP000013411 | PG-TSSOP-16-1 | |
| TDA 6192 V | SP000017968 | PG-VQFN-20-3 | |
| ▼ TUA 6041 | SP000018085 | PG-VQFN-48-1 | Lighting: Digitally aligned, full 3-band, low power RF tuner IC, with integrated IF AGC, for portable TV reception, tape & reel |
| ▼ TUA 6045 | SP000018086 | PG-VQFN-48-1 | Taifun 3: Full 3-band, low power RF tuner IC with integrated AGC amplifier, for portable TV reception, tape & reel |

SMD = Surface Mounted Device

Communication

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| Wireless Communication | | | |
| Tuner ICs | | | |
| (cont'd) | | | |
| ▼ KTS 6027-2 Evaboard | on request | — | Tuner: Evaluation board for KTS 6027-2 |
| ▼ KTS 6027-2 Ref Tuner | on request | — | Tuner: Reference tuner board with KTS 6027-2 |
| ▼ TDA 6190 T Evaboard | on request | — | Taifun: Evaluation board for TDA 6190 T |
| ▼ TDA 6192 T Evaboard | on request | — | Taifun: Evaluation board for TDA 6192 T |
| ▼ TUA 6020 Evaboard | on request | — | Tuner: Evaluation board for TUA 6020 |
| ▼ TUA 6024-2 Evaboard | on request | — | Tuner: Evaluation board for TUA 6024-2 |
| ▼ TUA 6030 Evaboard | on request | — | Tuner: Evaluation board for TUA 6030 |
| ▼ TUA 6034 + TDA 6190 T Low IF Half NIM | on request | — | Taifun: Low IF half NIM with TUA 6034 + TDA 6190 T |
| ▼ TUA 60342 V Mini Half NIM | on request | — | Taifun: Mini half NIM board with TUA 6034 V |
| ▼ TUA 6034 ATSC Reference NIM LGE Demod | on request | — | Taifun: Reference NIM board (ATSC) with LGE Demodulator with TUA 6034 |
| ▼ TUA 6034 ATSC Reference Tuner | on request | — | Taifun: Reference tuner board with TUA 6034 |
| ▼ TUA 6034 DVB-T Reference NIM Micronas Demod | on request | — | Taifun: Reference NIM (DVB-T) with Micronas Demodulator with TUA 6034 |
| ▼ TUA 6034 DVB-T Reference Tuner | on request | — | Taifun: Reference tuner board with TUA 6034 |
| ▼ TUA 6034 Evaboard | on request | — | Taifun: Evaluation board for TUA 6034 |
| ▼ TUA 6034 T+TDA 6192 T HALF NIM | on request | — | Taifun: Half NIM board with TUA 6034 T + TDA 6192 T |
| ▼ TUA 6034 T ATSC Evaboard | on request | — | Taifun: Evaluation board (ISDB-T) for TUA 6045 |
| ▼ TUA 6034 T DVB Reference NIM Cad Data DVB-T with PNP PN2020 | on request | — | Taifun: Reference NIM board (DVB-T) with TUA 6045 |
| ▼ TUA 6034 T ISDB-T Evaboard | on request | — | Taifun: Evaluation board (ISDB-T) for TUA 6034 |
| ▼ TUA 6034 T ISDB -T Reference Tuner | on request | — | Taifun: Reference tuner board (ISBD-T) with TUA 6034 |
| ▼ TUA 6034 V Evaboard | on request | — | Taifun: Evaluation board for TUA 6034 V |
| ▼ TUA 6036 T Evaboard | on request | — | Tuner: Evaluation board for TUA 6036 T |
| ▼ TUA6041 Evaboard | on request | — | Lighting: Evaluation board for TUA 6041 |
| ▼ TUA6041 Ref Tuner UHF | on request | — | Lighting: Reference tuner board (UHF) for TUA 6041 |
| ▼ TUA6045 Evaboard DVB-T | on request | — | Taifun 3: Evaluation board (DVB-T) for TUA 6045 |
| ▼ TUA6045 Evaboard ISDB-T | on request | — | Taifun 3: Evaluation board (ISDB-T) for TUA 6045 |
| ▼ TUA6045 Evaboard ATSC | on request | — | Taifun 3: Evaluation board (ATSC) for TUA 6045 |
| ▼ TUA6045 Evaboard T-DMB | on request | — | Taifun 3: Evaluation board (T-DMB) for TUA 6045 |
| ▼ TUA6045 Ref Tuner T-DMB/DAB (BAND III) | on request | — | Taifun 3: Reference tuner board (T-DMB/DAB Band III) with TUA 6045 |

SMD = Surface Mounted Device

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| ADM 5120 X AB T2-G | SP000078983 | 18 | EASY 22504 | on request | 8 |
| ADM 6992 CX AB T1 | SP000076431 | 18 | EASY 22508 | SP000202361 | 8 |
| ADM 6992 FX AB T1 | SP000077768 | 18 | EASY 22552 | SP000202849 | 8 |
| ADM 6992 KX AB T1 | SP000076432 | 18 | EASY 22554 V3.1 | SP000007919 | 8 |
| ADM 6992 SX AB T1 | SP000223283 | 18 | EASY 22558 | SP000053860 | 8 |
| ADM 6992 X AD T1 | SP000076445 | 18 | EASY 2256 E V2.2 | SP000106013 | 8 |
| ADM 6993 FX AD T1 | SP000016437 | 18 | EASY 24624 MII | SP000008100 | 6 |
| ADM 6993 X AD T1 | SP000076438 | 18 | EASY 24624 TDM | SP000007925 | 6 |
| ADM 6995 LCX AD T1 | SP000219864 | 18 | EASY 24628 MII | SP000089850 | 6 |
| ADM 6996 FCX AD R1 | SP000229744 | 18 | EASY 24628 UTOPIA | SP000244336 | 6 |
| ADM 6996 FCX AD T1 | SP000219863 | 18 | EASY 2466 | SP000055577 | 12 |
| ADM 6996 HX AD T1 | SP000220561 | 19 | EASY 256 E 1T1 V1.1 | SP000007945 | 9 |
| ADM 6996 IX AD T1 | SP000219861 | 18 | EASY 256 V1.1 | SP000007944 | 9 |
| ADM 6996 LCX AD R1 | SP000228446 | 19 | EASY 3265 | SP000008002 | 12 |
| ADM 6996 LCX AD T1 | SP000219862 | 19 | EASY 3268 | SP000204383 | 12 |
| ADM 6996 MX AD T1 | SP000210310 | 19 | EASY 334 | SP000007929 | 10 |
| ADM 6999 GX A2 T1 | SP000076440 | 19 | EASY 3445 V1.2 | SP000007930 | 8 |
| ADM 6999 UX A2 T1 | SP000076439 | 19 | EASY 3452 V1.2 | SP000007947 | 8 |
| ADM 6999 X A2 T1 | SP000076443 | 19 | EASY 3460 | SP000007932 | 8 |
| ADM 7001 X AC R1 | SP000083260 | 19 | EASY 4220 | on request | 9 |
| ADM 7001 X AC T1 | SP000076255 | 19 | EASY 4222 | on request | 9 |
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| ADM 8266M A21 | SP000098970 | 20 | EASY 5120-WVOIP RT | SP000017943 | 18 |
| ADM 8511 X CC T1 | SP000076521 | 18 | EASY 6992 C | SP000017946 | 18 |
| ADM 8513 X AD T1 | SP000077769 | 18 | EASY 6992 F | SP000017947 | 18 |
| ADM 8515X AC T1 | SP000064377 | 18 | EASY 6992 K | SP000017944 | 18 |
| ADM 8668 FX A12-G | SP000208946 | 18 | EASY 6993 F | SP000017919 | 18 |
| ADM 8668 TX A12 | SP000208947 | 18 | EASY 6996 FC | SP000062347 | 19 |
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| AN 983 BX BG TV3 | SP000103413 | 18 | EASY 6996 LC | SP000062346 | 19 |
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| PBA 31308 | SP000209746 | 20 | PEB 3086 H V1.4 | SP000007569 | 13 |
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| PBL 38620/2 SOA | SP000017252 | 11 | PEB 3165 F V1.1 | SP000008162 | 11 |
| PBL 38620/2 SOT | SP000007890 | 11 | PEB 3264 F V1.4 | SP000007820 | 11 |
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