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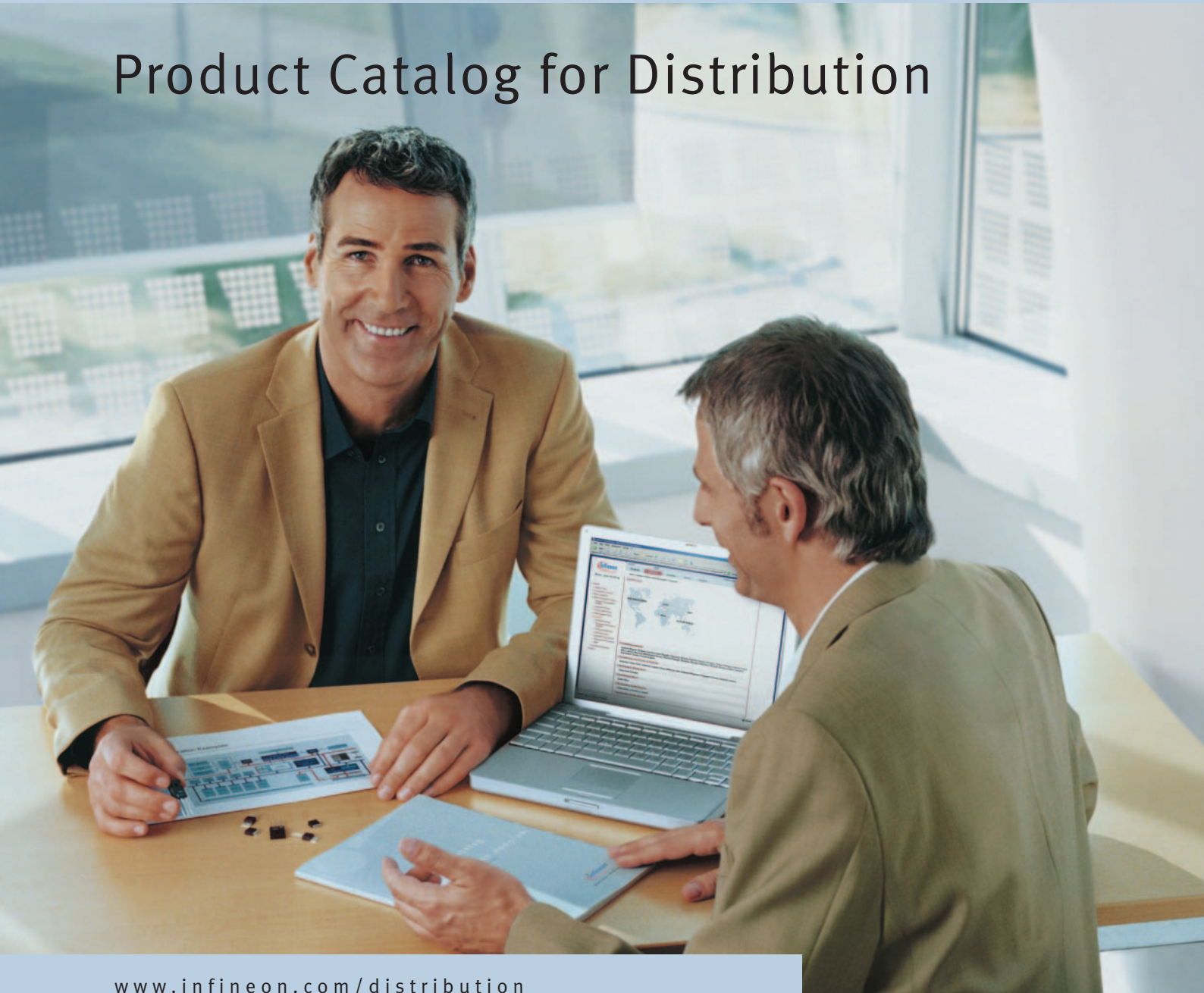
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Product Catalog for Distribution



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Never stop thinking

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- ▼ Newly included components
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- ◆ Products available through dedicated distributors
- SMD (**S**urface **M**ounted **D**eVICES)
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- ® Registered trademark
- TM Trademark

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Communication

Wired Communication 7
Wireless Communication 21

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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

| 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 | High power RF LDMOSFET, 180 W, 2110-MHz to 2170-MHz bandwidth, tray |
| ◆▼ 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

| Type | Ordering Code | Package | Description |
|---|---------------|---------|---|
| 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

Microcontrollers

| | |
|--------------------------------|----|
| Microcontrollers, 32-bit | 26 |
| Microcontrollers, 16-bit | 28 |
| Microcontrollers, 8-bit | 46 |