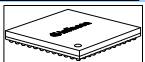
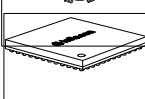


| Features                                   |                                                                                   |               | VINETIC-4S           | VINETIC-4C        | VINETIC-4M        | VINETIC-4VIP      |
|--------------------------------------------|-----------------------------------------------------------------------------------|---------------|----------------------|-------------------|-------------------|-------------------|
| Product ID                                 |                                                                                   |               | PEF 3304             | PEF 3394          | PEF 3314          | PEF 3324          |
| Analog Channels                            |                                                                                   |               | 4                    | 4                 | 4                 | 4                 |
| Worldwide programmable analog BORSCF       |                                                                                   |               | Yes                  | Yes               | Yes               | Yes               |
| Line Echo Cancellation (G.165, G.168)      |                                                                                   |               | -                    | up to 16ms        | up to 16ms        | up to 128ms       |
| Voice Compression (G.711)                  |                                                                                   |               | Yes                  | Yes               | Yes               | Yes               |
| ADPCM (G.726)                              |                                                                                   |               | -                    | Yes               | Yes               | Yes               |
| Complex Voice Codecs (G.723, G.728, G.729) |                                                                                   |               | -                    | -                 | -                 | Yes               |
| Fax Relay (T.38)                           |                                                                                   |               | -                    | -                 | -                 | Yes               |
| Signal processing functions <sup>(2)</sup> |                                                                                   |               | -                    | Yes               | Yes               | Yes               |
| AAL2, RTP packetization, Jitter Buffer     |                                                                                   |               | -                    | -                 | Yes               | Yes               |
| Integrated Code RAM for Firmware Download  |                                                                                   |               | -                    | -                 | Yes               | Yes               |
| Line testing                               |                                                                                   |               | AITDF <sup>(3)</sup> | AITDF             | AITDF             | AITDF             |
| Package                                    | Figure                                                                            | Dimensions    |                      |                   |                   |                   |
| LBGA-176-3                                 |  | 17.0 x 17.0mm | PEF3304E<br>V2.1     | PEF3394E<br>V2.2  | PEF3314E<br>V2.2  | PEF3324E<br>V1.4  |
| LQFP-176-2                                 |  | 24.0 x 24.0mm | PEF3304HL<br>V2.1    | PEF3394HL<br>V2.2 | PEF3314HL<br>V2.2 | PEF3324HL<br>V1.4 |
| LBGA-144-1                                 |  | 13.0 x 13.0mm | PEF3304EL<br>V2.1    | PEF3394EL<br>V2.2 | PEF3314EL<br>V2.2 | PEF3324EL<br>V1.4 |

<sup>(1)</sup> Battery feed, Ringing, Signaling (supervision), Coding, Hybrid for 2/4-wire conversion, Testing, Hook thresholds, Teletax metering.

<sup>(2)</sup> e.g. DTMF generation and detection, Caller ID (CLIP) generation (FSK), Universal Tone Detection (UTD)

Answering Tone Detection (ATD), Caller-ID detection, Universal Tone Generator, Call Progress Tone detector

<sup>(3)</sup> Advanced Integrated Test and Diagnosis Functions