

## Excellent Integrated System Limited

Stocking Distributor



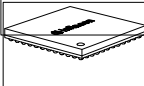
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[PEF 3314 E V2.2-G](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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 V2.1	PEF3394E V2.2	PEF3314E V2.2	PEF3324E V1.4
LQFP-176-2		24.0 x 24.0mm	PEF3304HL V2.1	PEF3394HL V2.2	PEF3314HL V2.2	PEF3324HL V1.4
LBGA-144-1		13.0 x 13.0mm	PEF3304EL V2.1	PEF3394EL V2.2	PEF3314EL V2.2	PEF3324EL 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