

# G.165DET Tone Detector

Adaptive Digital Technologies, Inc.

## PRODUCT DESCRIPTION

In telecommunications systems, it is often necessary to detect the presence of a voice-band modem signal. In particular, when using a line echo canceller, it is desirable to disable certain aspects of echo cancellers or echo suppressors. Modems therefore precede their transmissions with a disable tone. These tones are described in ITU recommendations G.164 and G.165.

The ADT G.165 Tone Detector detects both of the aforementioned disable tones.

## FEATURES

- Functions are C-callable
- Multiple channel operation
- Low per-channel memory requirements
- Parameters are user configurable



Strategic member of the TI Third Party Network

## AVAILABILITY

ADT G.165DET is available on the TMS320C5000™ DSP Platform C55x™ DSP Generation

## SPECIFICATIONS

### C55x

All Memory usage is given in units of byte.

	MIPS (Peak)	Program Memory	Data Memory	Per-Channel Data Memory
Tone Disabler	0.08	1618	352	88

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## FUNCTION

- G165DET\_ADT\_initG165Detect (...)      Initializes G165 Detector channel
- G165DET\_ADT\_g165Detect (...)      ExecutesG165 detector function



ADT G.I65DET

DATA SHEET

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#### **CONTACT INFORMATION**

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