

# AMB4200

Analog/Linear Tester



## Highlight

*Amoeba® AMB4200 is a multisite test solution designed to give true parallel testing capability down to channel level.*

*Its capabilities include independent multiple test sites running with a parallel efficiency of up to 85% for quad-site and octal-site testing.*

*Seamless transition from test development and bench characterization to production is attainable with test development and production software suite.*

*AMB4200 is highly scalable, flexible and the most cost-effective solution for analog/linear devices testing.*

## Purpose

RF	Analog	Digital	Discrete
	◆	◆	

## Feature

- ◆ Scalability and modularity inherited from PXIe platform
- ◆ Turn-key test solution
- ◆ Ready for production
- ◆ Comes with efficient *techFlow* development and production software
- ◆ Test development and test code conversion services available
- ◆ Seamless transition from test development, bench characterization to production
- ◆ Multiple independent *techFlow* running on the same system
- ◆ Up to 85% quad-site efficiency

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## Introduction

Amoeba AMB4200 is an analog/linear test system designed based on PXIe platform.

Catering to production environment, it is a complete suite of software and hardware.

With the associated development and production software - *techFlow*, user can port developed test program to production use seamlessly.

Confirmed to PXIe platform, AMB4200 is modular and most importantly production ready.

## Test Resources

Aemulus mixes and matches the right and the most optimized PXIe test resources for general purpose and specific test applications.

The Aemulus 400e series of test resources are PXIe compliant. AMB4200 test solution does not constraint the type of chassis employed.

Most importantly, Amoeba 4200 is a production ready test development and production suite.

## Product Application

Device-Under-Test Type	Applicable
RF PA, Switch, LNA, Duplexer	Possible*
RF Antenna Tuner	Yes
Sensors	Yes
Small Signal Discrete	May be
Optical Transceiver	Yes
Opto-coupler	Yes
High Analog, Low Digital ICs	Yes
PMICs	Yes
Analog Transceivers	Yes

\* Upgrade with RF resources

