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NOVATECH

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For Immediate Release

**Novatech Instruments, Inc. DDS9m 170MHz Signal Generator
Module has Four Phase Synchronous Channels.**

Novatech Instruments, Inc. announces the Model DDS9m, a four-channel 170MHz **D**irect **D**igital **S**ynthesizer (DDS) Signal Generator Module with 0.1Hz frequency resolution and ± 1.5 ppm accuracy.

The DDS9m features four phase synchronous sine wave outputs up to 170MHz, serial control, 500MHz external clock input along with an on-board TCXO (temperature compensated crystal oscillator), stable to ± 1.5 ppm: all on a module of less than 83mm by 90mm.

Based upon the Analog Devices AD9959, the DDS9m has 32-bits of frequency resolution, 10-bits of amplitude resolution, and 14-bits of phase resolution on each of the four channels. The small module size allows the DDS9m to be integrated into test stations and other applications requiring multiple and frequency agile outputs. When used with the external clock input, all DDS9m units can be synchronized to a system-wide frequency standard.

For ATE applications, the DDS9m can store up to 32k profile points consisting of phase, frequency, dwell time, and amplitude settings. The profile can then be sequenced automatically without further control from the host computer.

The DDS9m can also be used as an evaluation board for the AD9959 ASIC. Simple text based serial commands provide direct access to all AD9959 registers or the on-board micro controller can be bypassed to enable direct parallel access to the AD9959 via parallel I/O header pins.

See the complete details on our web site: <http://www.novatech-instr.com/>

The DDS9m is available from stock for \$695.00. OEM discounts and custom versions are available.

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Enclosed: DDS9m Color Photo, Data Sheet.

Hi Resolution Jpeg: <http://www.novatech-instr.com/images/dds9m.jpg>
PDF data sheet: http://www.novatech-instr.com/PDF_files/dds9mds.pdf
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