

## Powerful, Versatile Waveform Creation



- **Unmatched Performance** — 125 MHz, 1 GS/s, 2 Mpts/Ch and 16-bit resolution
- **Digital Pattern Generator** — ArbStudio is a mixed signal generator capable of creating patterns of up to 36 lines
- **Graphical User Interface** — Easily see created waveforms and waveform sequences on the display of any PC
- **Simple Operating Modes** — Dedicated operating modes for basic functions and PWM signals provide simplified operation
- **Multi-unit Synchronization** — Connect up to 8 ArbStudio units and generate 32 synchronous analog channels

### Key Specifications

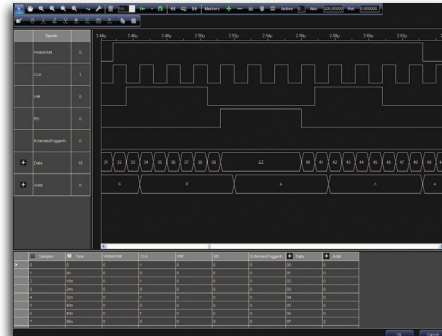
|                            |                      |
|----------------------------|----------------------|
| <b>Bandwidth</b>           | 125 MHz              |
| <b>Channels</b>            | 2, 4, 2 + 18, 4 + 36 |
| <b>Memory</b>              | 2 Mpts/Ch            |
| <b>Sample Rate</b>         | 1 GS/s               |
| <b>Vertical Resolution</b> | 16-bit               |

For more information, please contact:

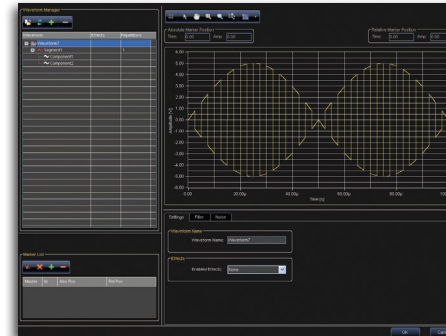




Quickly generate basic functions like sine, square and triangle waves with a dedicated user interface.



Create digital waveforms, patterns and busses of up to 36 channels and output analog and digital waveforms simultaneously.



Built-in modulation capabilities include AM, PM, FM, ASK, PSK, FSK and PWM.

## Key Features

- 125 MHz bandwidth
- 1 GS/s maximum sample rate
- Long memory—2 Mpts/Ch
- 16-bit resolution
- 2 and 4 channel models
- Arbitrary and Direct Digital Synthesis (DDS) modes
- Digital pattern generator
- PWM mode
- Sweep and burst modes
- Modulation – AM, FM, PM, ASK, SK, PSK

