

## Product End-Of-Life (EOL) Notice for "PCI" Digitizer Models BASE-8, Razor and Octopus

The purpose of this notification is to communicate the 2016 End-Of-Life (EOL) notice of the GaGe "PCI" version BASE-8, Razor and Octopus CompuScope digitizer models.

There is no last time buy opportunity for these specified End-Of-Life GaGe digitizers.

We highly encourage existing customers of these End-Of-Life GaGe "PCI" digitizers to begin consideration of migration efforts to current PCIe Express (PCIe) digitizer product model versions for future requirements as soon as possible.

Note that digitizer product model migration from previous "PCI" to current "PCIe" can be performed with very minimal changes to application software. Current PCIe digitizers share the same foundational application programming interfaces (APIs) as the previous PCI models with similar driver architectures. In addition, current PCIe models provide further advantages with more standard onboard sample memory and faster data transfer rates with the host PC system.

DynamicSignals can assist in customer migration efforts by providing evaluation units of current recommend PCIe digitizer replacement models, and recommendations of suitable host PC systems to accommodate them if needed.

Please contact us for further information and/or any assistance in evaluating application requirements for quick migration to current digitizer models.

The following tables identifies each EOL PCI digitizer model and the recommended corresponding PCIe digitizer model replacement option for future requirements:

EOL "PCI"  
BASE-8  
Model



Replacement "PCIe"  
Cobra Express  
Model



EOL Model	EOL Model Description	Replacement Model	Replacement Model Description
<a href="#">BASE-8</a> <a href="#">BASE8</a> <a href="#">(BS8-000-001)</a>	8-Bit, 1 CH @ 500 MS/s, 200 MHz BW, 128 KS Memory	<a href="#">Cobra Express</a> <a href="#">CSE21G8</a> <a href="#">(CBE-021-000)</a>	8-Bit, 1 CH @ 1.0 GS/s, 2 CH @ 500 MS/s, 500 MHz BW, 2 GS Memory

EOL "PCI"  
Razor  
Models



Replacement "PCIe"  
Razor Express  
Models



EOL Model	EOL Model Description	Replacement Model	Replacement Model Description
<a href="#">Razor</a> <a href="#">CS1222</a> <a href="#">(RAZ-002-400)</a>	12-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 128 MS Memory	<a href="#">Razor Express</a> <a href="#">CSE1222</a> <a href="#">(RZE-002-400)</a>	12-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 4 GS Memory
<a href="#">Razor</a> <a href="#">CS1242</a> <a href="#">(RAZ-004-400)</a>	12-Bit, 4 CH @ 200 MS/s, 125 MHz BW, 128 MS Memory	<a href="#">Razor Express</a> <a href="#">CSE1242</a> <a href="#">(RZE-004-400)</a>	12-Bit, 4 CH @ 200 MS/s, 125 MHz BW, 4 GS Memory
<a href="#">Razor</a> <a href="#">CS1422</a> <a href="#">(RAZ-002-300)</a>	14-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 128 MS Memory	<a href="#">Razor Express</a> <a href="#">CSE1422</a> <a href="#">(RZE-002-300)</a>	14-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 4 GS Memory
<a href="#">Razor</a> <a href="#">CS1442</a>	14-Bit, 4 CH @ 200 MS/s, 125 MHz BW,	<a href="#">Razor Express</a> <a href="#">CSE1442</a>	14-Bit, 4 CH @ 200 MS/s, 125 MHz BW,

<a href="#">(RAZ-004-300)</a>	128 MS Memory	<a href="#">(RZE-004-300)</a>	4 GS Memory
<a href="#">Razor CS1622 (RAZ-002-200)</a>	16-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 128 MS Memory	<a href="#">Razor Express CSE1622 (RZE-002-200)</a>	16-Bit, 2 CH @ 200 MS/s, 125 MHz BW, 4 GS Memory
<a href="#">Razor CS1642 (RAZ-004-200)</a>	16-Bit, 4 CH @ 200 MS/s, 125 MHz BW, 128 MS Memory	<a href="#">Razor Express CSE1642 (RZE-004-200)</a>	16-Bit, 4 CH @ 200 MS/s, 125 MHz BW, 4 GS Memory

EOL "PCI"  
Razor  
Models



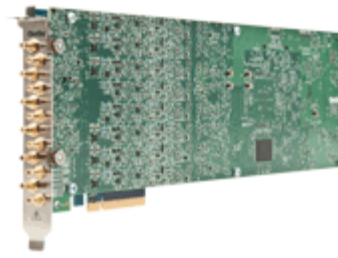
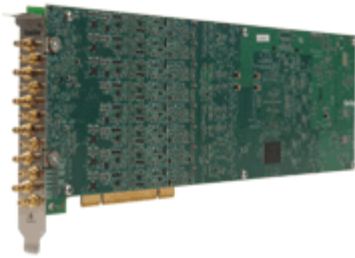
Replacement "PCIe"  
Oscar Express  
Models



EOL Model	EOL Model Description	Replacement Model	Replacement Model Description
<a href="#">Razor CS1621 (RAZ-002-100)</a>	16-Bit, 2 CH @ 100 MS/s, 65 MHz BW, 128 MS Memory	<a href="#">Oscar Express CSE4427 (OSC-442-007)</a>	16-Bit, 2 CH @ 100 MS/s, 65 MHz BW, 2 GS Memory
<a href="#">Razor CS1641 (RAZ-004-100)</a>	16-Bit, 4 CH @ 100 MS/s, 65 MHz BW, 128 MS Memory	<a href="#">Oscar Express CSE4447 (OSC-444-007)</a>	16-Bit, 4 CH @ 100 MS/s, 65 MHz BW, 2 GS Memory

EOL "PCI"  
Octopus  
Models

Replacement "PCIe"  
Octopus Express  
Models



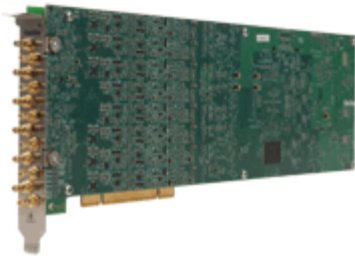
EOL Model	EOL Model Description	Replacement Model	Replacement Model Description
<a href="#">Octopus CS8280 (OCT-828-000)</a>	12-Bit, 8 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8382 (OCE-838-002)</a>	14-Bit, 8 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8282 (OCT-828-002)</a>	12-Bit, 8 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8382 (OCE-838-002)</a>	14-Bit, 8 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8284 (OCT-828-004)</a>	12-Bit, 8 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8385 (OCE-838-005)</a>	14-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8285 (OCT-828-005)</a>	12-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8385 (OCE-838-005)</a>	14-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8287 (OCT-828-007)</a>	12-Bit, 8 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8387 (OCE-838-007)</a>	14-Bit, 8 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8289 (OCT-828-009)</a>	12-Bit, 8 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octopus Express CSE8389 (OCE-838-009)</a>	14-Bit, 8 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
	14-Bit,		14-Bit,

<a href="#">Octopus CS8380 (OCT-838-000)</a>	8 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8382 (OCE-838-002)</a>	8 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8382 (OCT-838-002)</a>	14-Bit, 8 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8382 (OCE-838-002)</a>	14-Bit, 8 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8384 (OCT-838-004)</a>	14-Bit, 8 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8385 (OCE-838-005)</a>	14-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8385 (OCT-838-005)</a>	14-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8385 (OCE-838-005)</a>	14-Bit, 8 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8387 (OCT-838-007)</a>	14-Bit, 8 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8387 (OCE-838-007)</a>	14-Bit, 8 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8389 (OCT-838-009)</a>	14-Bit, 8 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8389 (OCE-838-009)</a>	14-Bit, 8 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8480 (OCT-848-000)</a>	16-Bit, 8 CH @ 10 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8482 (OCE-848-002)</a>	16-Bit, 8 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory
<a href="#">Octopus CS8482 (OCT-848-002)</a>	16-Bit, 8 CH @ 25 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octopus Express CSE8482 (OCE-848-002)</a>	16-Bit, 8 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory

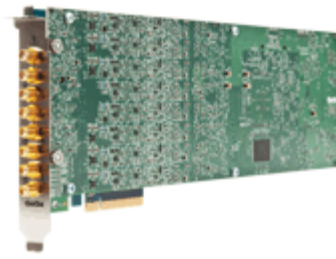
EOL "PCI"

Replacement "PCIe"

## Octopus Models



## Octave Express Models



EOL Model	EOL Model Description	Replacement Model	Replacement Model Description
<a href="#">Octopus CS8220 (OCT-822-000)</a>	12-Bit, 2 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8322 (OVE-832-002)</a>	14-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8240 (OCT-824-000)</a>	12-Bit, 4 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8342 (OVE-834-002)</a>	14-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8222 (OCT-822-002)</a>	12-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8322 (OVE-832-002)</a>	14-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8242 (OCT-824-002)</a>	12-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8342 (OVE-834-002)</a>	14-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8224 (OCT-822-004)</a>	12-Bit, 2 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8325 (OVE-832-005)</a>	14-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8244 (OCT-824-004)</a>	12-Bit, 4 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	<a href="#">Octave Express CSE8345 (OVE-834-005)</a>	14-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory

<a href="#">Octopus CS8225 (OCT-822-005)</a>	12-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8325 (OVE-832-005)</a>	14-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8245 (OCT-824-005)</a>	12-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8345 (OVE-834-005)</a>	14-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8227 (OCT-822-007)</a>	12-Bit, 2 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8327 (OVE-832-007)</a>	14-Bit, 2 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8247 (OCT-824-007)</a>	12-Bit, 4 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8347 (OVE-834-007)</a>	14-Bit, 4 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8229 (OCT-822-009)</a>	12-Bit, 2 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8329 (OVE-832-009)</a>	14-Bit, 2 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8249 (OCT-824-009)</a>	12-Bit, 4 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8349 (OVE-834-009)</a>	14-Bit, 4 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8320 (OCT-832-000)</a>	14-Bit, 2 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8322 (OVE-832-002)</a>	14-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8340 (OCT-834-000)</a>	14-Bit, 4 CH @ 10 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express CSE8342 (OVE-834-002)</a>	14-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory

<a href="#">Octopus CS8322 (OCT-832-002)</a>	14-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8322 (OVE-832-002)</a>	14-Bit, 2 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8342 (OCT-834-002)</a>	14-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8342 (OVE-834-002)</a>	14-Bit, 4 CH @ 25 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8324 (OCT-832-004)</a>	14-Bit, 2 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8325 (OVE-832-005)</a>	14-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8344 (OCT-834-004)</a>	14-Bit, 4 CH @ 50 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8345 (OVE-834-005)</a>	14-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8325 (OCT-832-005)</a>	14-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8325 (OVE-832-005)</a>	14-Bit, 2 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8345 (OCT-834-005)</a>	14-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8345 (OVE-834-005)</a>	14-Bit, 4 CH @ 65 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8327 (OCT-832-007)</a>	14-Bit, 2 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8327 (OVE-832-007)</a>	14-Bit, 2 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus CS8347 (OCT-834-007)</a>	14-Bit, 4 CH @ 100 MS/s, 100 MHz BW, 128 MS Memory	➔	<a href="#">Octave Express CSE8347 (OVE-834-007)</a>	14-Bit, 4 CH @ 100 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus</a>	14-Bit,		<a href="#">Octave Express</a>	14-Bit,



<a href="#">CS8329</a> ( <a href="#">OCT-832-009</a> )	2 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">CSE8329</a> ( <a href="#">OVE-832-009</a> )	2 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus</a> <a href="#">CS8349</a> ( <a href="#">OCT-834-009</a> )	14-Bit, 4 CH @ 125 MS/s, 100 MHz BW, 128 MS Memory	→	<a href="#">Octave Express</a> <a href="#">CSE8349</a> ( <a href="#">OVE-834-009</a> )	14-Bit, 4 CH @ 125 MS/s, 100 MHz BW, 2 GS Memory
<a href="#">Octopus</a> <a href="#">CS8420</a> ( <a href="#">OCT-842-000</a> )	16-Bit, 2 CH @ 10 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octave Express</a> <a href="#">CSE8422</a> ( <a href="#">OVE-842-002</a> )	16-Bit, 2 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory
<a href="#">Octopus</a> <a href="#">CS8440</a> ( <a href="#">OCT-844-000</a> )	16-Bit, 4 CH @ 10 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octave Express</a> <a href="#">CSE8442</a> ( <a href="#">OVE-844-002</a> )	16-Bit, 4 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory
<a href="#">Octopus</a> <a href="#">CS8422</a> ( <a href="#">OCT-842-002</a> )	16-Bit, 2 CH @ 25 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octave Express</a> <a href="#">CSE8422</a> ( <a href="#">OVE-842-002</a> )	16-Bit, 2 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory
<a href="#">Octopus</a> <a href="#">CS8442</a> ( <a href="#">OCT-844-002</a> )	16-Bit, 4 CH @ 25 MS/s, 20 MHz BW, 128 MS Memory	→	<a href="#">Octave Express</a> <a href="#">CSE8442</a> ( <a href="#">OVE-844-002</a> )	16-Bit, 4 CH @ 25 MS/s, 20 MHz BW, 2 GS Memory



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Customized PC Workstations tailored for real-time signal recording, processing and playback applications that require guaranteed continuous sustained data streaming rates with no missing data. Available in portable, laptop, tower, and rackmount form factors.

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Arbitrary waveform generators or function generators capable of creating custom stimuli for testing complex analog and digital circuits.

### [Oscilloscope Software](#)

Programming-free PC oscilloscope software for GaGe high speed digitizers or digital oscilloscopes and arbitrary waveform generators. SDKs for C/C#/C++, LabVIEW, and MATLAB are also available for custom application development.

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