

DLL and VIs for LabVIEW, Visual Basic, C and C# for MCS8



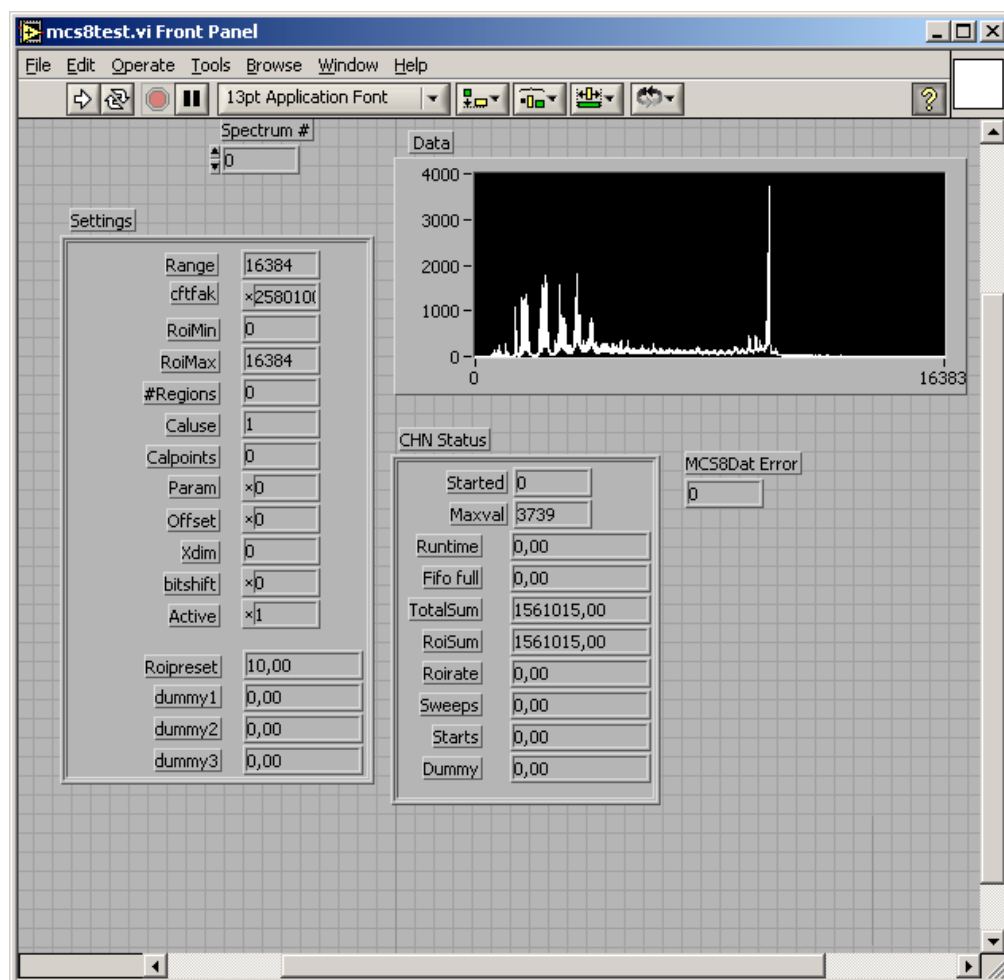
Features:

- MS-Windows based customer-specific user interfaces can be easily made using supplied documentation, libraries and examples
- Example programs in Visual Basic, C and C#
- Example LabVIEW application and library containing basic LabVIEW VI's
- Automatic execution through MACRO commands

The 32 and 64 bit MPANT software for the Multi-Input Multiscaler System MCS8 consists of a hardware-dependent server program with DLL and a general graphics program that controls the hardware via the DLL. Any other Windows application can also control the hardware via the DLL. To support the programming of such customer-specific user interfaces, as an option we deliver documentation such as sourcecode and example programs for Visual Basic, C, C# and LabVIEW.

Description:

The software includes the complete sourcecode of the DMCS8.DLL that controls the hardware via the server program. Here is the demo LabVIEW application for the access to MCS8 data:



DLL for MCS8 8/20

Here are some VI's contained in the VI library MCS8.LLB:

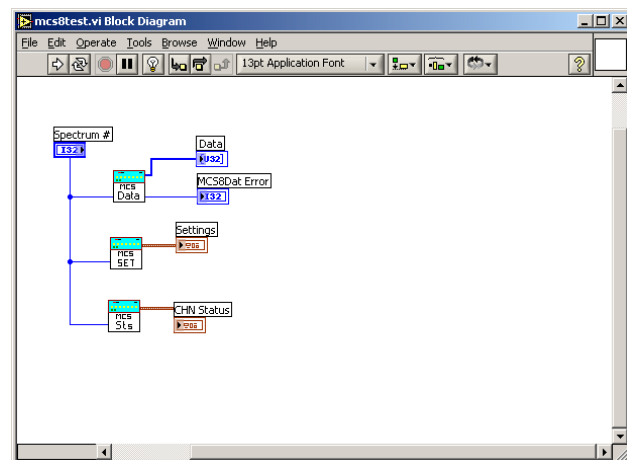
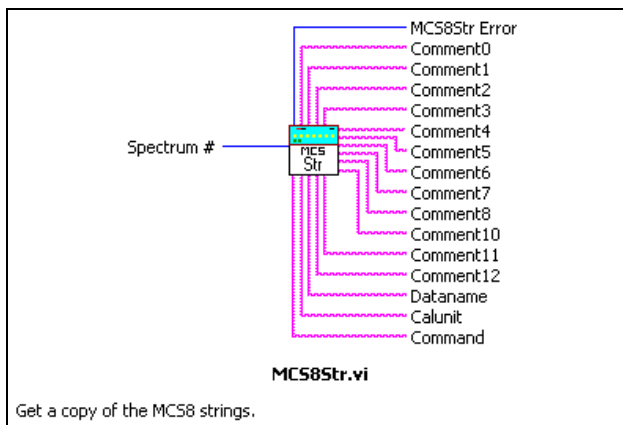
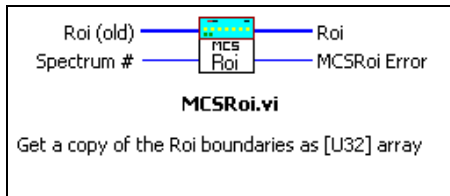
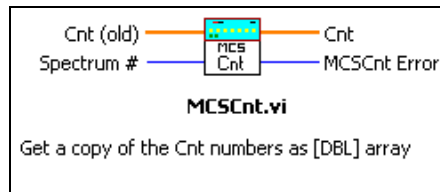
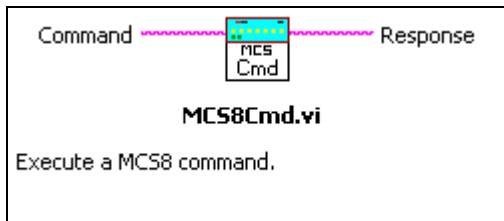


Diagram of the LabVIEW Demo program

MCS8 Demo
Update Status Spectra# 0 Update Setting Get Spectrum 0

Start	Started: 0	Maxval: 5881	Range: 4096	0
Halt	Runtime: 0.047	Datalasts: 0	Cntlak: 39321856	0
Continue	Sweeps: 10000		Roiimin: 0	0
Erase	Starts: 10000	Totalsum: 40000	Roiimax: 4096	0
Save		Roisum: 40000	Nregions: 0	0
		Rate: 0.0	Caluse: 1	0
			Calpoints: 0	0
			Param: 0	0
			Offset: 0	0
			Xdim: 0	0
			Bitshift: 0	0
			Active: 1	0
			Roipreset: 0	0
				0
				0
				0
				0
				0
				0
				24
				4043
				5881
				47

Get Strings:
Execute Line0: 11/05/2019
RUN TEST.CTL A1

Get Datasettings:
Savedata: 0
Autoinc: 0
Fmt: 0
Mpalmt: 0
Sephead: 0
Smpts: 5
Caluse: 0
Filename: TEST.mpa
Specfile:
Command:

Filename: spec1A.mp

The Visual Basic Demo program