

# KOSHAVA LabVIEW EXAMPLE

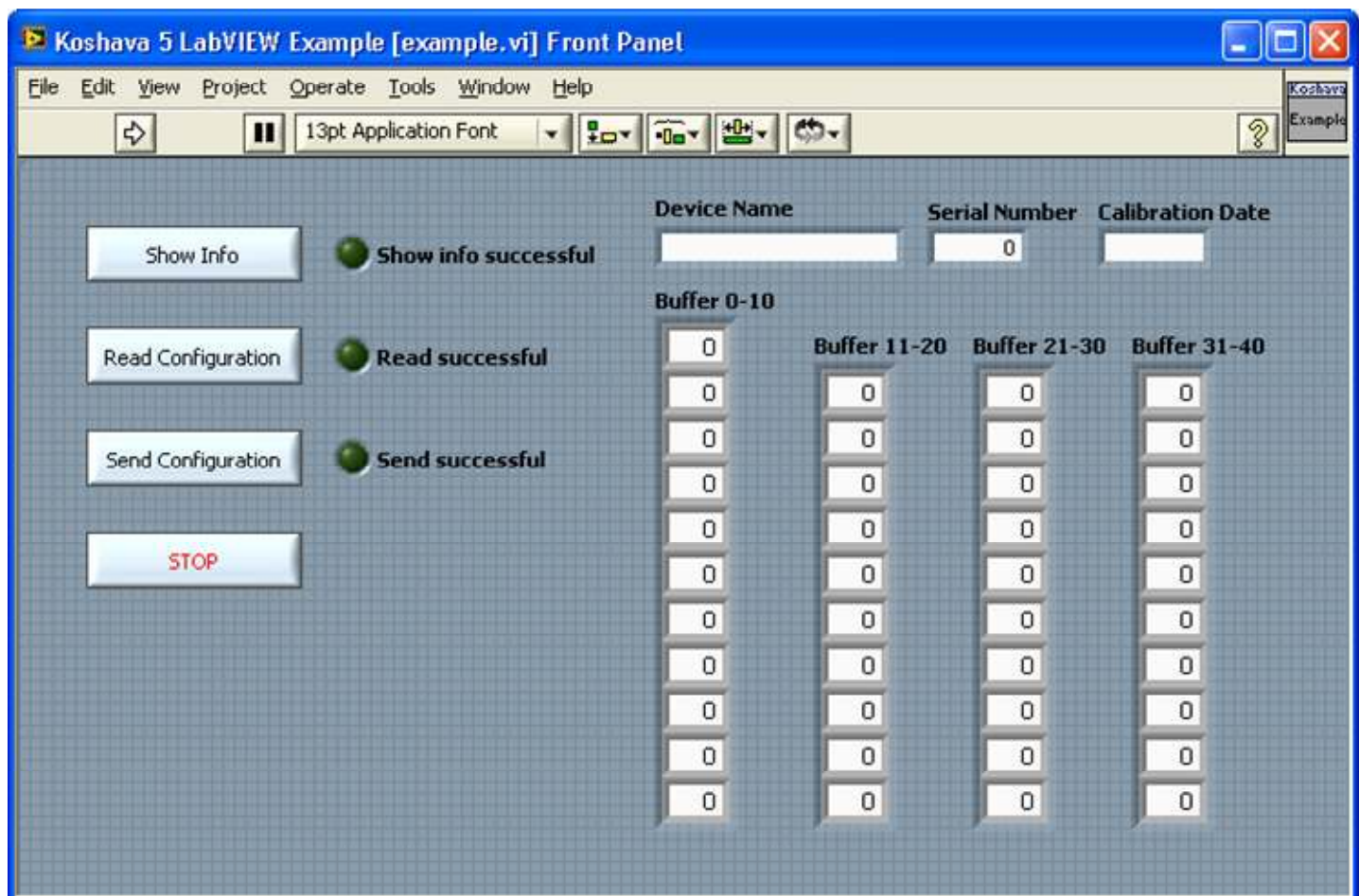


Fig 1.1  
Main application window

As You can see main window contains three Buttons  
 -SHOW INFO  
 -READ CONFIGURATION  
 -SEND CONFIGURATION  
 Each of them has led indicator like report of sucessfull transfer.

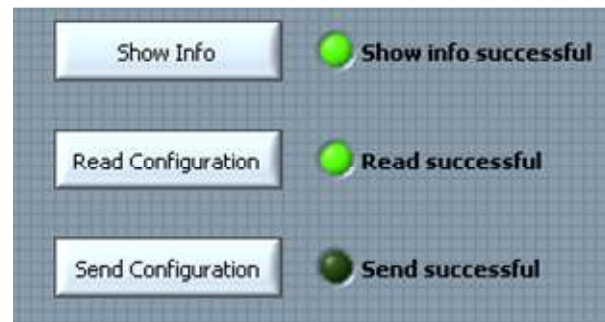


Fig 1.2  
Buttons

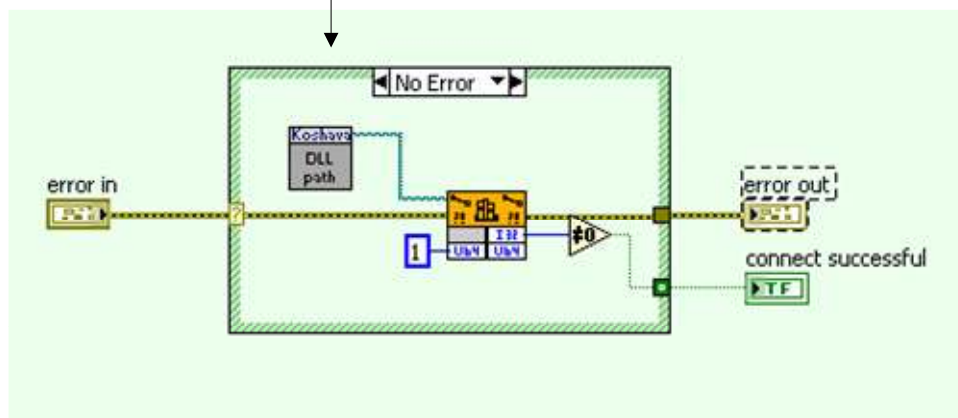
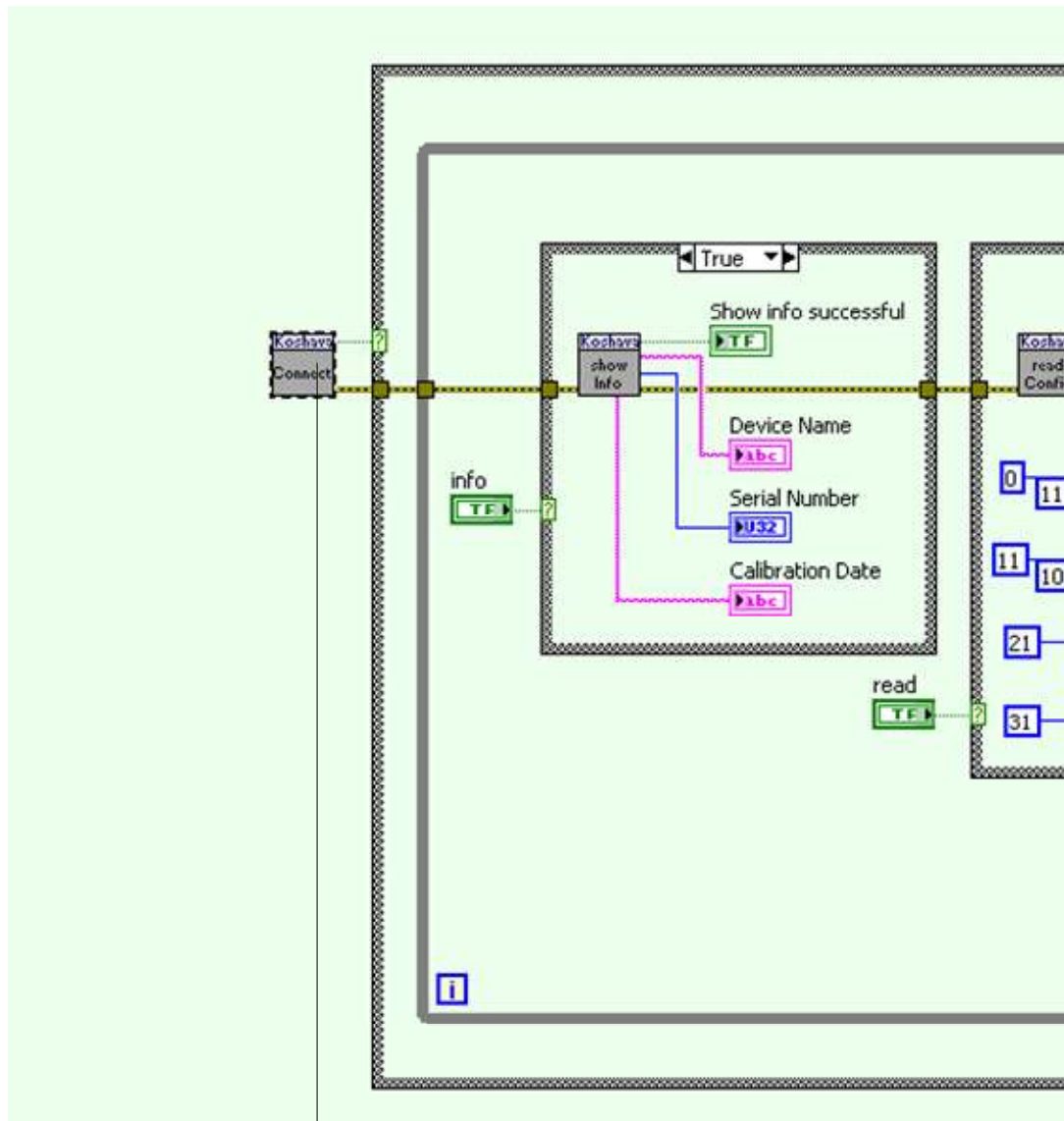
Next part of window is text boxes with data from device as collected, data in columns are in hex format and represent buffer position of data – like hid terminal.

Device Name	Serial Number	Calibration Date
KOSHAVA 5 Ver. 5.7	100202	05.01.10

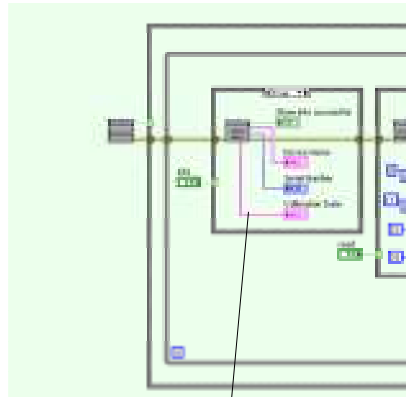
Buffer 0-10	Buffer 11-20	Buffer 21-30	Buffer 31-40
0			
1D	0	6A	57
1D	98	87	57
A6	8	1	57
0	0	0	57
1	72	BE	57
0	2E	C3	57
0	20	0	57
0	35	0	57
1	2E	57	57
A6	37	57	57

Fig 1.3  
Text Boxes

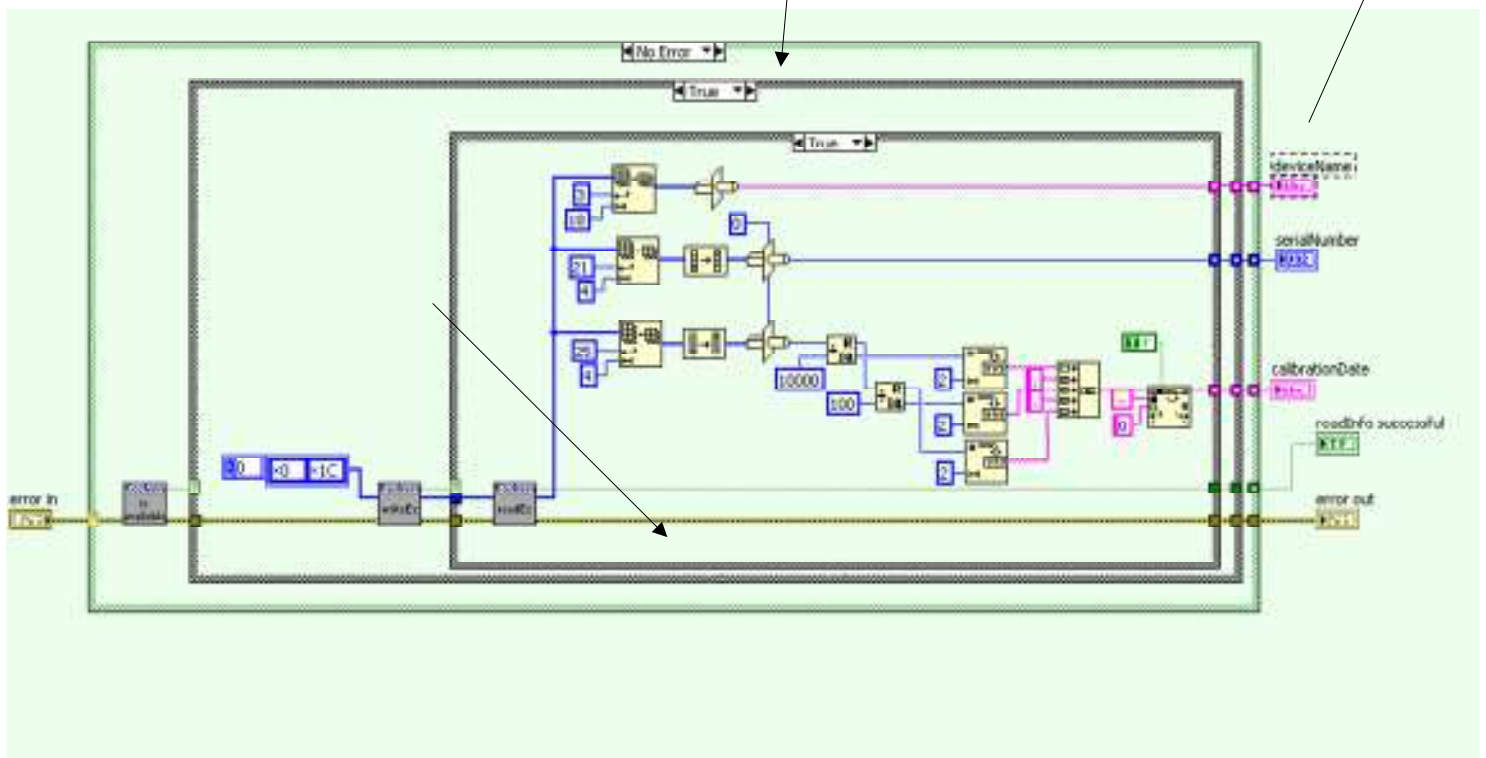


Connect function is represented as path to mchid.dll

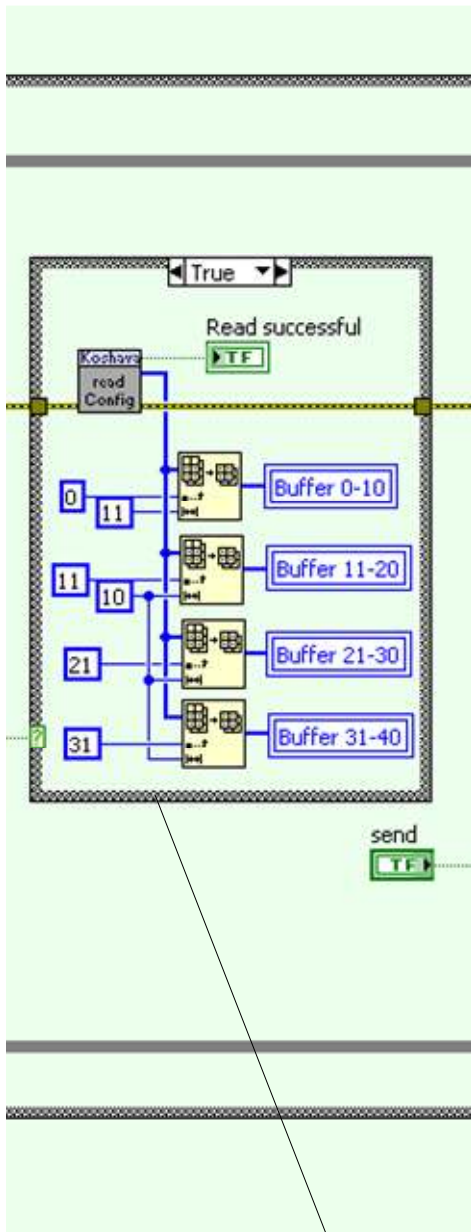
Show info, block which contains variables (text boxes) of calibration date, serial number and device name.



Local variables (text boxes)

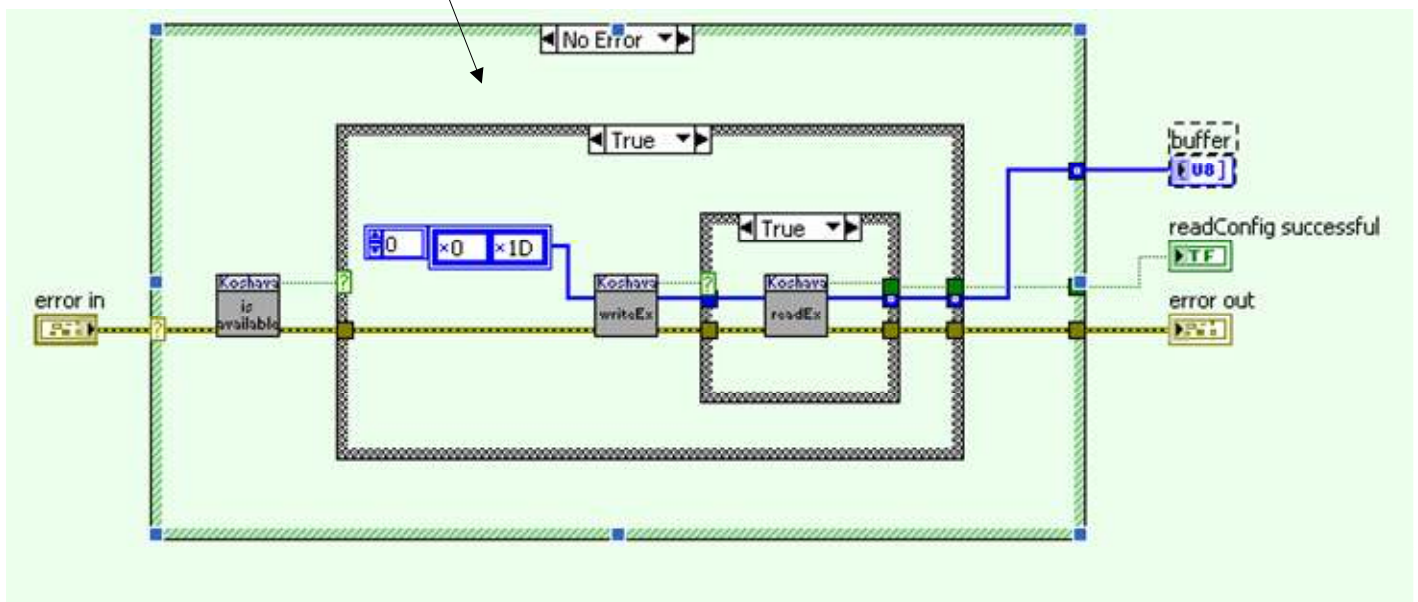


Send command (hex) 1C to device which results returnig buffer with data in bytes array

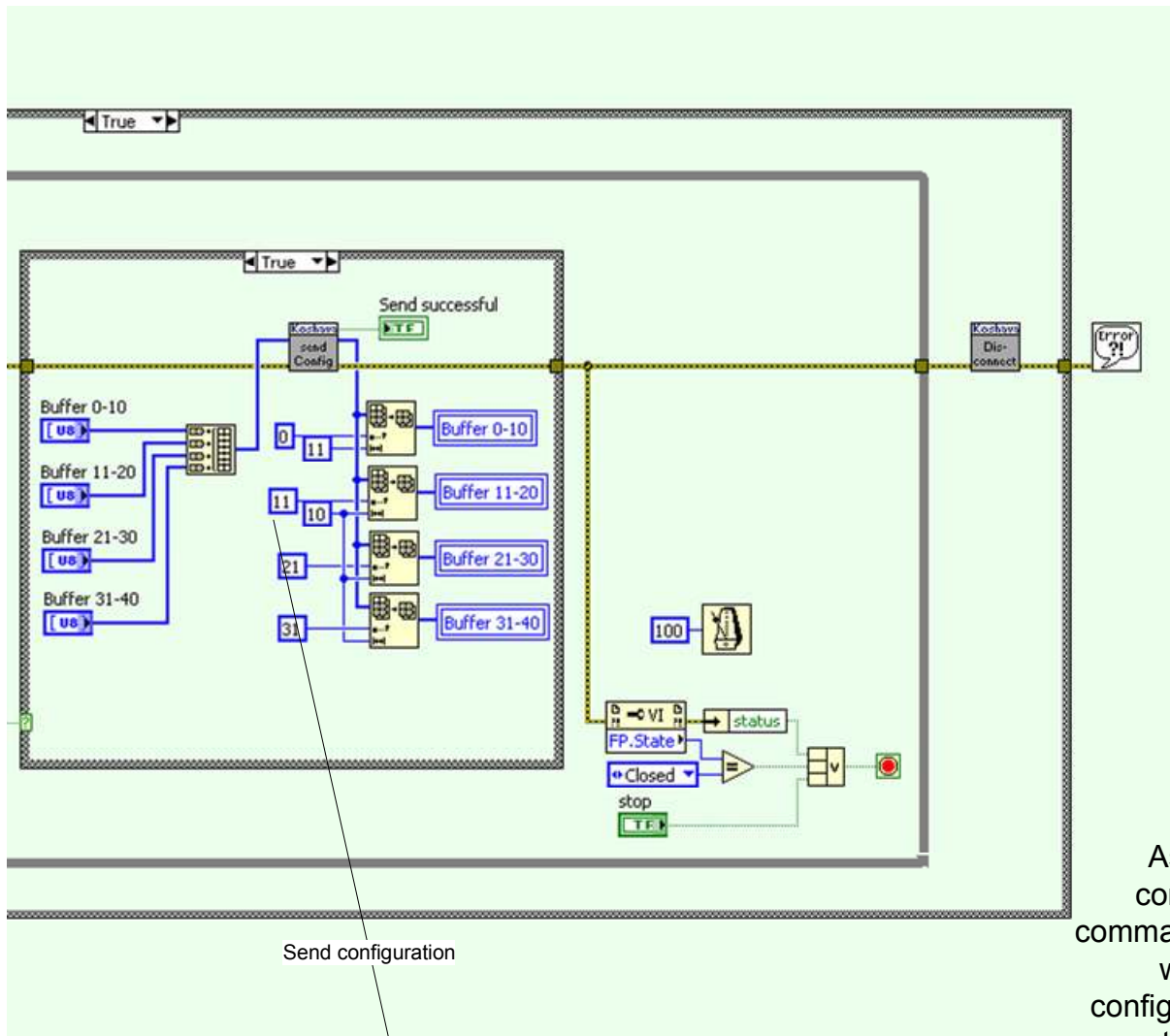


Buffers from 0-40 represents adresses of data stored in device for further manipulation. These buffer(bytes) are displayed in main window after pressing read configuration.

Send command (hex) 1D to device which results returnig whole buffer(with measurement data) as data in bytes array







Send configuration

As like as Read configuration with command 1D or show Info with 1C, Send configuration is ability to control instrument by sending certain parameters, which change position of point or measurement unit, language...

