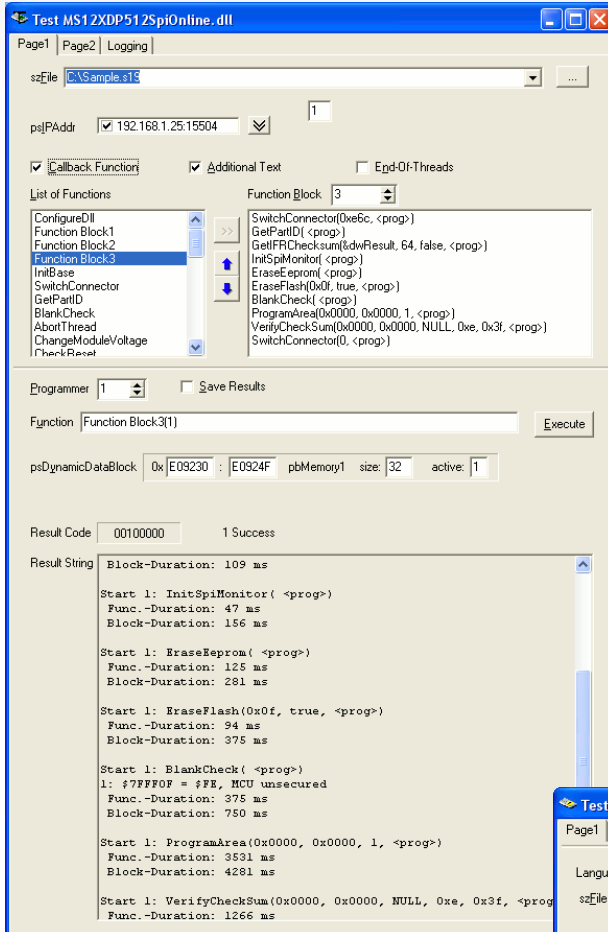


WinStartNET

Winp_onlineNET

FlashTASK

Winp_onlineNET



Test MS12XDP512SpiOnline.dll

Page1 | Page2 | Logging

szFile: C:\sample.s19

psjPAddr: 192.168.1.25:15504

Callback Function Additional Text End-Of-Threads

List of Functions: ConfigureDll, Function Block1, Function Block2, **Function Block3**, InitBase, SwitchConnector, GetPartID, BlankCheck, AbortThread, ChangeModuleVoltage, CheckReset

Function Block: 3

Programmer: 1 Save Results

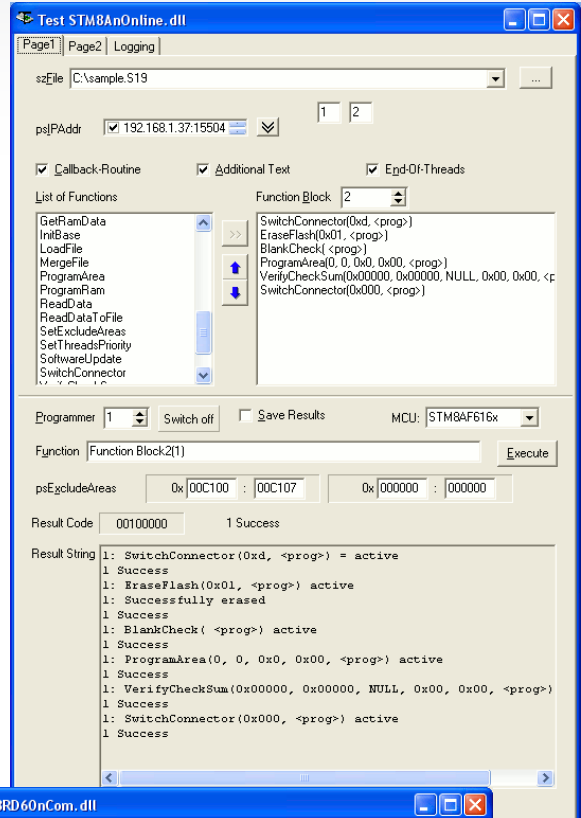
Function: Function Block3(1)

psDynamicDataBlock: 0x[E09230] : [E0924F] pbMemory1 size: 32 active: 1

Result Code: 00100000 1 Success

Result String:

```
Block-Duration: 109 ms
Start 1: InitSpiMonitor( <prog>)
Func.-Duration: 47 ms
Block-Duration: 156 ms
Start 1: EraseEeprom( <prog>)
Func.-Duration: 125 ms
Block-Duration: 281 ms
Start 1: EraseFlash(0x0f, true, <prog>)
Func.-Duration: 94 ms
Block-Duration: 375 ms
Start 1: BlankCheck( <prog>)
1: 77FF0F = 7FE, MCU unsecured
Func.-Duration: 375 ms
Block-Duration: 750 ms
Start 1: ProgramArea(0x0000, 0x0000, 1, <prog>)
Func.-Duration: 3531 ms
Block-Duration: 4281 ms
Start 1: VerifyCheckSum(0x0000, 0x0000, NULL, 0xe, 0x3f, <prog>)
Func.-Duration: 1266 ms
```



Test STM8AnOnline.dll

Page1 | Page2 | Logging

szFile: C:\sample.S19

psjPAddr: 192.168.1.37:15504

Callback-Routine Additional Text End-Of-Threads

List of Functions: GetRamData, InitBase, LoadFile, MergeFile, ProgramArea, ProgramRam, ReadData, ReadDataToFile, SetExcludeAreas, SetThreadPriority, SoftwareUpdate, SwitchConnector

Function Block: 2

Programmer: 1 Save Results MCU: STM8AF616x

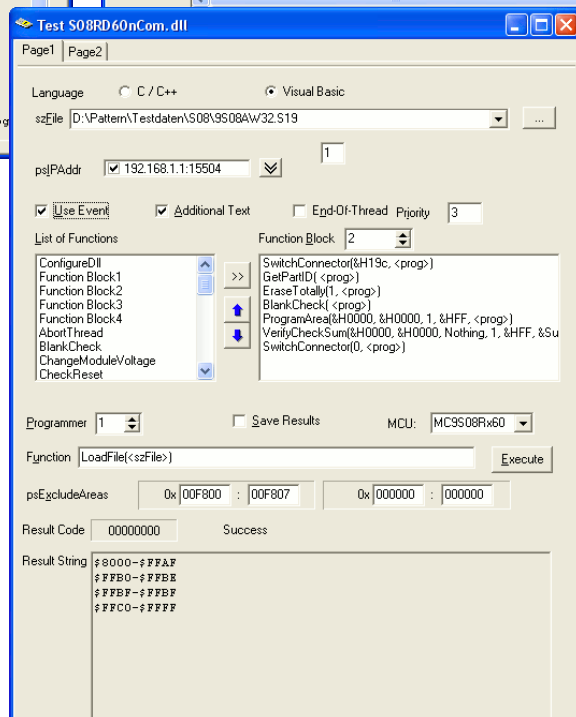
Function: Function Block2(1)

psExcludeAreas: 0x[00C100] : [00C107] 0x[000000] : [000000]

Result Code: 00100000 1 Success

Result String:

```
1: SwitchConnector(0xd, <prog>) = active
1 Success
1: EraseFlash(0x01, <prog>) active
1: Successfully erased
1 Success
1: BlankCheck( <prog>) active
1 Success
1: ProgramArea(0, 0, 0x0, 0x00, <prog>) active
1 Success
1: VerifyCheckSum(0x00000, 0x00000, NULL, 0x00, 0x00, <prog>)
1 Success
1: SwitchConnector(0x000, <prog>) active
1 Success
```



Test S08R60nCom.dll

Page1 | Page2

Language: C / C++ Visual Basic

szFile: D:\Pattern\Testdaten\S08\S08AW32.S19

psjPAddr: 192.168.1.1:15504

Use Event Additional Text End-Of-Thread Priority: 3

List of Functions: ConfigureDll, Function Block1, Function Block2, Function Block3, Function Block4, AbortThread, BlankCheck, ChangeModuleVoltage, CheckReset

Function Block: 2

Programmer: 1 Save Results MCU: MC9S08R60

Function: LoadFile(<szFile>)

psExcludeAreas: 0x[00F800] : [00F807] 0x[000000] : [000000]

Result Code: 00000000 Success

Result String:

```
8000-7FFAF
7FFB0-7FFB8
7FFB9-7FFBF
7FFC0-7FFF
```

Winp_onlineNET

Winp_onlineNET software has been designed for your production environment. It is DLL based and optimized for easy process integration. Winp_onlineNET provides you with an API (application programmer interface) allowing you to call individual programming functions. Winp_online can be easily integrated into NI LabVIEW, TestStand or similar products.

Winp_onlineNET

- Winp_onlineNET includes a menu guided environment to execute all DLL functions for rapid testing of your Flash application
- Application development system includes comprehensive device specific example library
- Detailed documentation with various executable application examples
- Clear text error messaging for rapid and easy analysis
- Powerful functions for unique serialization numbering
- Margin Verify to ensure maximum data retention
- Continuous voltage monitoring during programming process
- Configurable watchdog trigger functions for your target application, e.g.
 - Square wave
 - Low / high signal
 - Via SPI protocol
- Multi threaded windows DLL
- Designed for use in parallel programming applications
- Microsoft and Borland C/C++ Win32 libraries available
- DLL with COM-interface for Visual Basic applications
- Available also as customized versions
- Device specific options
 - IFR register
 - Unique controller specific checksum build from IFR register for seamless traceability
 - RC oscillator trimming +/- 1%
 - Device identification