TRF7960EVM_09_11_2009 Release Notes:

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The firmware project was built with IAR 4.2

It is based on the previous firmware available for the TRF7960EVM which uses the MSP430F2370 microcontroller, but it adds the complete functionality for utilizing the ISO15693 AFI and host command control of the tag type LEDs and the unused GP I/O brought out as LED_6 on the TRF7960EVM board.

This allows for a developer to use these outputs however they see fit (for custom LED indication, external relay control, etc.)

The host commands for the control of these pins is as follows:

(These can be input from the TRF7960EVM GUI from the test tab "String to Send" window and the Send Button.)

LED 2 (ISO14443A) on   ==>
FB (or 0108000304FB0000 with Send Raw Button or another Terminal Program)

LED 2 (ISO14443A) off   ==>
FC (or 0108000304FC0000 with Send Raw Button or another Terminal Program)

LED 3 (ISO14443B) on   ==>
F9 (or 0108000304F90000 with Send Raw Button or another Terminal Program)

LED 3 (ISO14443B) off   ==>
FA (or 0108000304FA0000 with Send Raw Button or another Terminal Program)

LED 4 (ISO15693) on   ==>
F7 (or 0108000304F70000 with Send Raw Button or another Terminal Program)

LED 4 (ISO15693) off   ==>
F8 (or 0108000304F80000 with Send Raw Button or another Terminal Program)

LED 5 (Tag-It) on   ==>
F5 (or 0108000304F50000 with Send Raw Button or another Terminal Program)

LED 5 (Tag-It) off   ==>
F6 (or 0108000304F60000 with Send Raw Button or another Terminal Program)

LED 6 (not populated) on ==>
F3 (or 0108000304F30000 with Send Raw Button or another Terminal Program)

LED 6 (not populated) off ==>
F4 (or 0108000304F40000 with Send Raw Button or another Terminal Program)