

Interfacing FlashRunner 2.0 with TMS570LS devices

Protocol supported:

- JTAG

Mem Type Table

MEM_TYPE	FLAG	IDX
FLASH	F	0
EEPROM	E	1

Parameters List

INPUT_OSC: this parameter needs to be set by the user; once the parameter is set, the algorithm will calculate the proper dividers and multipliers to enable the max PLL frequency of the device during the CONNECT command.

PROGRAM_ECC: If checked, the PROGRAM F|E command will also write the FLASH|EEPROM ECC memory area with the proper ECC values.

SWAP_WORD: If checked, the customer firmware ednianness will be swapped.

Commands List

Memory types:

F → Flash

E → EEPROM

MASSERASE

MASSERASE <F|E>

This function perform a Masserase for Flash or EEPROM.

BLANKCHECK

BLANKCHECK <F|E>

Blankcheck command for Flash or EEPROM.

PROGRAM

PROGRAM <F|E>

Program command for Flash or EEPROM.

VERIFY

VERIFY <F|E> <R>

Verify command for Flash or EEPROM.
R - Normal verify with Read-Out method.

READ

READ <F|E> <start_addr> <size>

Read function.

DUMP

DUMP <F|E> <start_addr> <size>

Dump function.

CONNECT

Connect function: Power on, connect to the device.

DISCONNECT

Disconnect function: Power off and exit.