

TI DSP Programmer(v1.5)

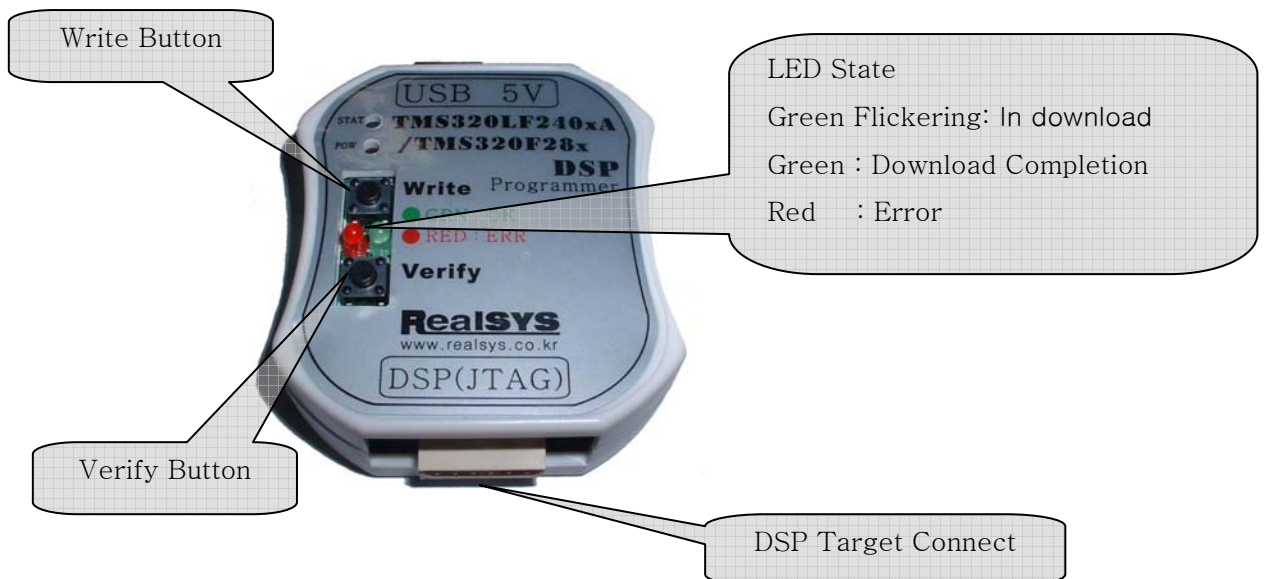
for TMS320LF240xA & TMS320F281x Device
(MODEL : TDProg)

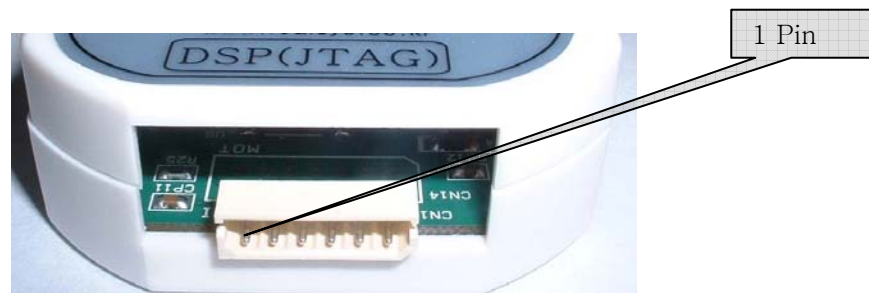


Characteristic

- Directly download the COFF file data into internal flash memory of target DSP.
- Stand-alone download function using the button of TDProg hardware.
- PC Interface : USB1.1 or 2.0
- Power : USB Power(5V) or 5V Adaptor
- Windows98/Me/2K/XP Support
- MCU Support list : TMS320LF240xA(30, 40MHz)/TMS320F28x(150MHz)

1. Hardware use method





< Target DSP Connector Pin >

1	2	3	4	5	6
VCC(5V) Output	TXD (POD->DSP)	RXD (POD<-DSP)	/RESET (POD->DSP)	/BOOT (POD->DSP)	GND

2. Software use method

TMS320LF240xA & TMS320F281x DSP Programmer Ver1.5 - RealSYS

MCU: F2812 - 150MHz(30MHz * 5) POD File Name:

File Path: ...

Option for TMS320F281x Device

☒ Intelligent Erase Flash Memory
 ☐ Erase All Flash Memory

☒ Unlock CSM(Code Security Module)

USE Flash Algorithm Code - Hex Value

KEY0 (0x3F7FF8)	<input type="text" value="FFFF"/>	KEY1 (0x3F7FF9)	<input type="text" value="FFFF"/>
KEY2 (0x3F7FFA)	<input type="text" value="FFFF"/>	KEY3 (0x3F7FFB)	<input type="text" value="FFFF"/>
KEY4 (0x3F7FFC)	<input type="text" value="FFFF"/>	KEY5 (0x3F7FFD)	<input type="text" value="FFFF"/>
KEY6 (0x3F7FFE)	<input type="text" value="FFFF"/>	KEY7 (0x3F7FFF)	<input type="text" value="FFFF"/>

Please, specify COFF file to write target

0%

1) Button function

A. Load

Load data, the selected COFF file, into TDPProg program buffer

B. Reset

Reset the target board

C. Pod Info

Show firmware version and user program Information of TDPProg hardware

D. Exit

Exit TDPProg program

E. POD Write

Write the selected COFF file data into internal flash memory of TDPProg hardware

F. POD Verify

Compare the selected COFF file data with internal flash memory of TDPProg hardware

G. Target Write

Write the selected COFF file data into internal memory of target DSP

2) Option for TMS320F281x Device

A. Erase Option

Intelligent Erase : Delete sector area that write practically

Erase All : Delete whole flash rom sector area

B. Unlock Key Code Option

Code security user can establish about L0, L1 SARAM, Flash ROM and OTP ROM area. If about CSM is established target board, can not do read access in memory of this area.

<Warning>

If in case of all of 8 password by 0x0000, can not do program update.