

Электроника и микропроцессоры. Модуль 2, Тема №4

«Построение микропроцессорной системы на основе микроконтроллера»

Разработка программы. Среда разработки MPLAB IDE

The screenshot displays the MPLAB IDE v8.91 interface. The main window shows the Project Wizard, which is currently on Step Four: Add existing files. The File Explorer on the right shows the directory structure of the project, including folders like Device, DriversXP, dsPIC_Tools, and MCHIP_Tools. The Project Wizard Summary window is open, showing the project parameters:

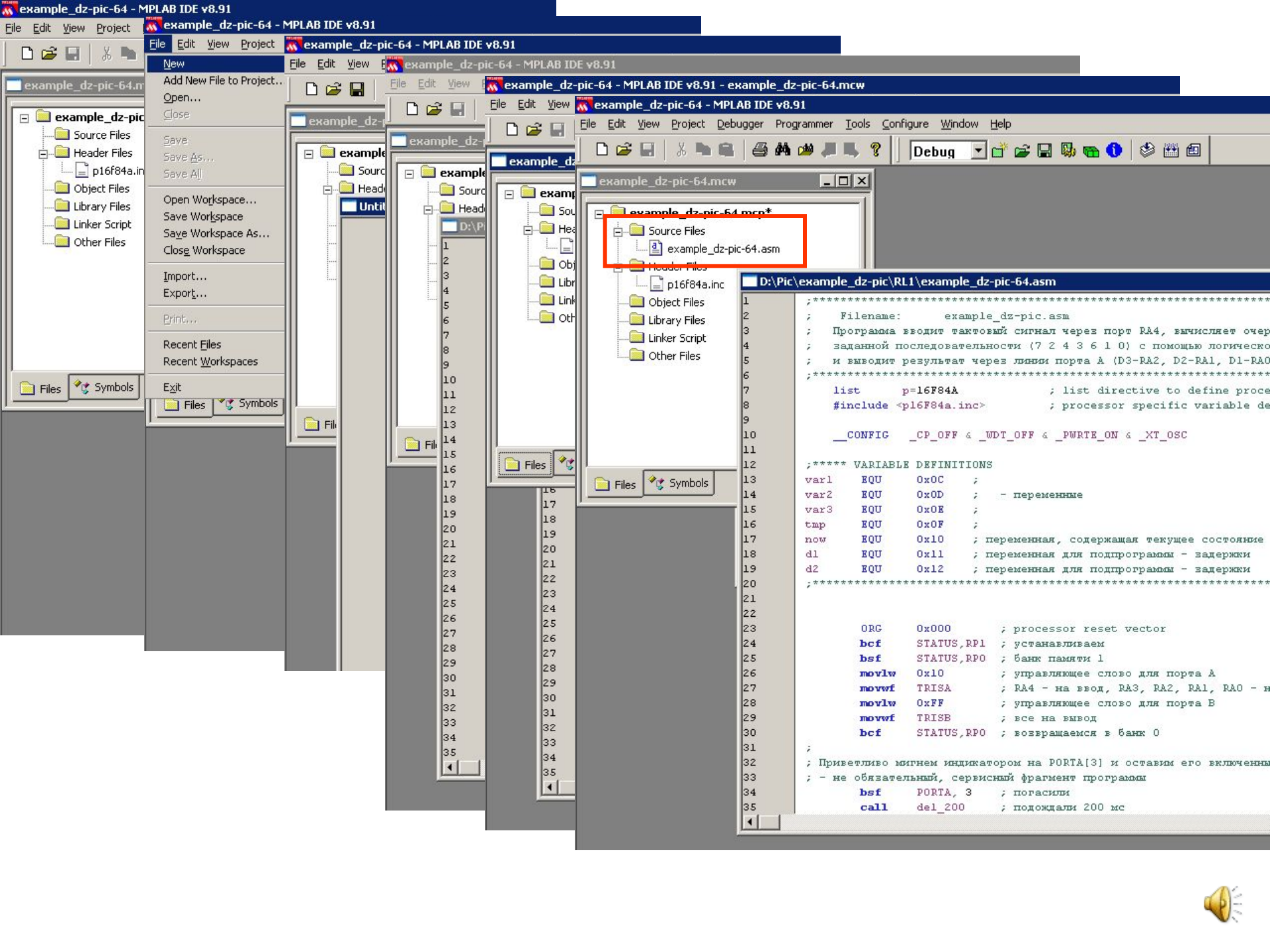
Имя	Размер	Тип	Изменен
P16F5X.INC	5 КБ	VCEXpress.inc.9.0	09.06.2003 10:05
P16F72.INC	11 КБ	VCEXpress.inc.9.0	22.04.2002 16:22
P16F73.INC	13 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F74.INC	14 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F76.INC	13 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F77.INC	14 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F83.INC	5 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F84.INC	5 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F84A.INC	5 КБ	VCEXpress.inc.9.0	12.09.2001 12:09
P16F87.INC	16 КБ	VCEXpress.inc.9.0	12.03.2003 22:51
P16F88.INC	17 КБ	VCEXpress.inc.9.0	12.03.2003 22:51
P16F627.INC	11 КБ	VCEXpress.inc.9.0	06.11.2001 11:40
P16F627A.INC	11 КБ	VCEXpress.inc.9.0	13.11.2002 11:52
P16F628.INC	11 КБ	VCEXpress.inc.9.0	06.11.2001 11:40
P16F628A.INC	11 КБ	VCEXpress.inc.9.0	13.11.2002 11:52
P16F630.INC	8 КБ	VCEXpress.inc.9.0	06.11.2002 11:14

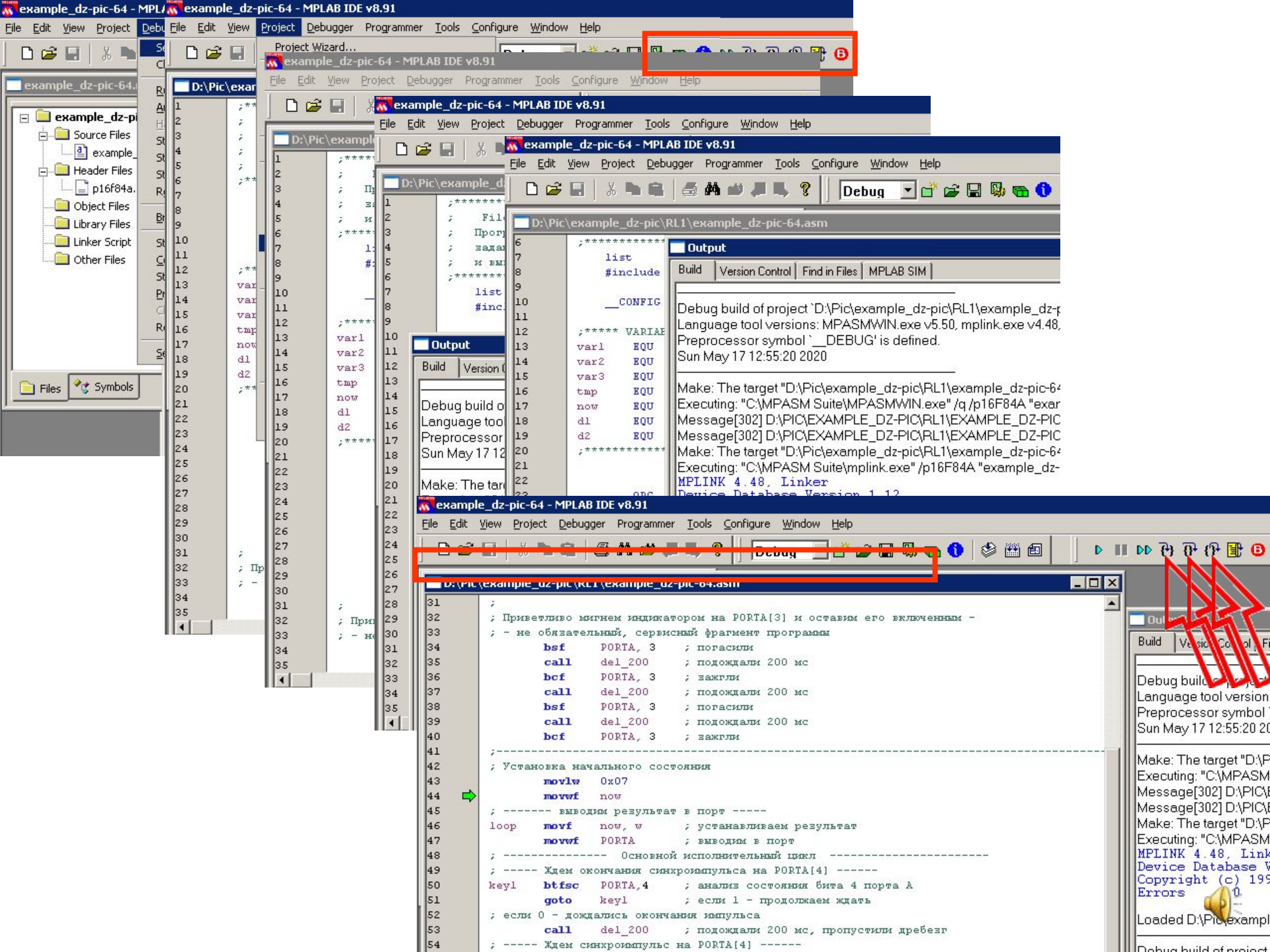
The Summary window also displays the following project parameters:

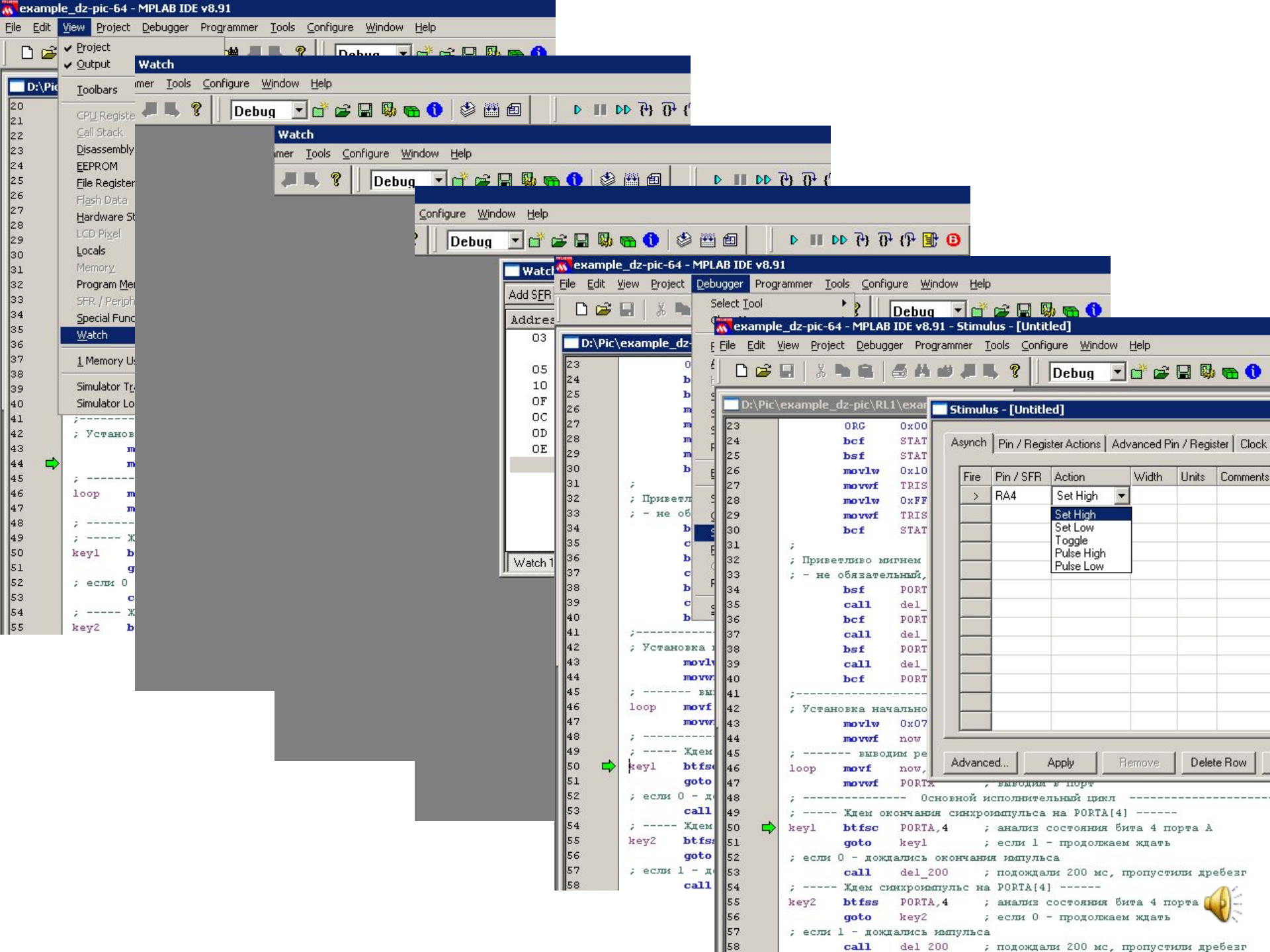
- Device: PIC16F84A
- Toolsuite: Microchip MPASM Toolsuite
- File: D:\Pic\example_dz-pic\RL1\example_dz-pic-6

A new workspace will be created, and the new project added to that workspace.

Buttons: < Назад, Готово, Отмена, Справка







PICkit 3 Settings

Power target circuit

example_dz-pic-64 - MPLAB IDE v8.91

Output

```
PICkit 3 detected
Connecting to PICkit 3...
Running self test...
Self test completed
Firmware Suite Version...
Firmware type.....Midre
PICkit 3 Connected.
PK3Err0045: You must connect PICkit 3.
```

example_dz-pic-64 - MPLAB IDE v8.91

Program Memory | Configuration | Status | Power | Programmer to go

Build | Version Control | Find in Files

PICkit 3 detected
Connecting to PICkit 3...
Firmware Suite Version..... 01.2
Firmware type.....Midre
PICkit 3 Connected.
Device ID Revision = 00000000

Program | Verify | Read | Blank Check All | Erase Flash Device | Release From Reset | Hold In Reset | Abort Operation | Reconnect | Settings...

Release

```
key2 btfs PORTA,4 ; анализ состояния бита 4 порта A
```

Имя файла	Размер	Тип	Дата/Время
example_dz-pic-64.asm	6 КБ	VCEXpress.asm.9.0	
example_dz-pic-64.cof	5 КБ	Файл "COF"	
example_dz-pic-64.err	1 КБ	Файл "ERR"	17.05.2020 13:41
example_dz-pic-64.HEX	1 КБ	HEX File	17.05.2020 13:41
example_dz-pic-64.lst	18 КБ	VCEXpress.lst.9.0	17.05.2020 13:41
example_dz-pic-64.map	3 КБ	VCEXpress.map.9.0	17.05.2020 13:41
example_dz-pic-64.mcp	2 КБ	Microchip MPLAB.Pr...	17.05.2020 13:41
example_dz-pic-64.mcs	1 КБ	Файл "MCS"	09.05.2020 14:21
example_dz-pic-64.mcw	23 КБ	Microchip MPLAB.W...	09.05.2020 14:21
example_dz-pic-64.O	5 КБ	Файл "O"	17.05.2020 13:41