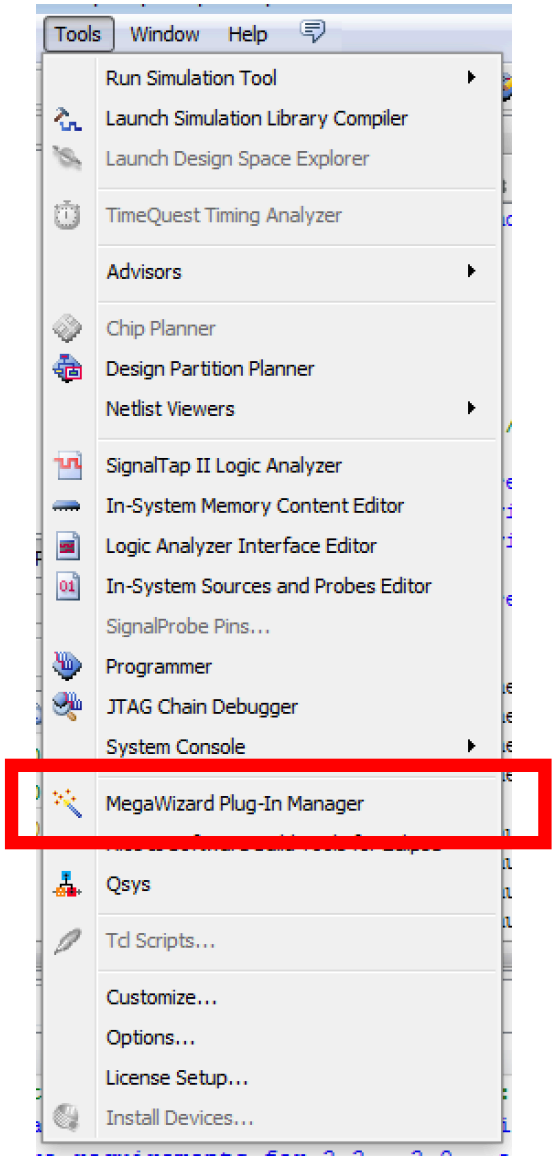
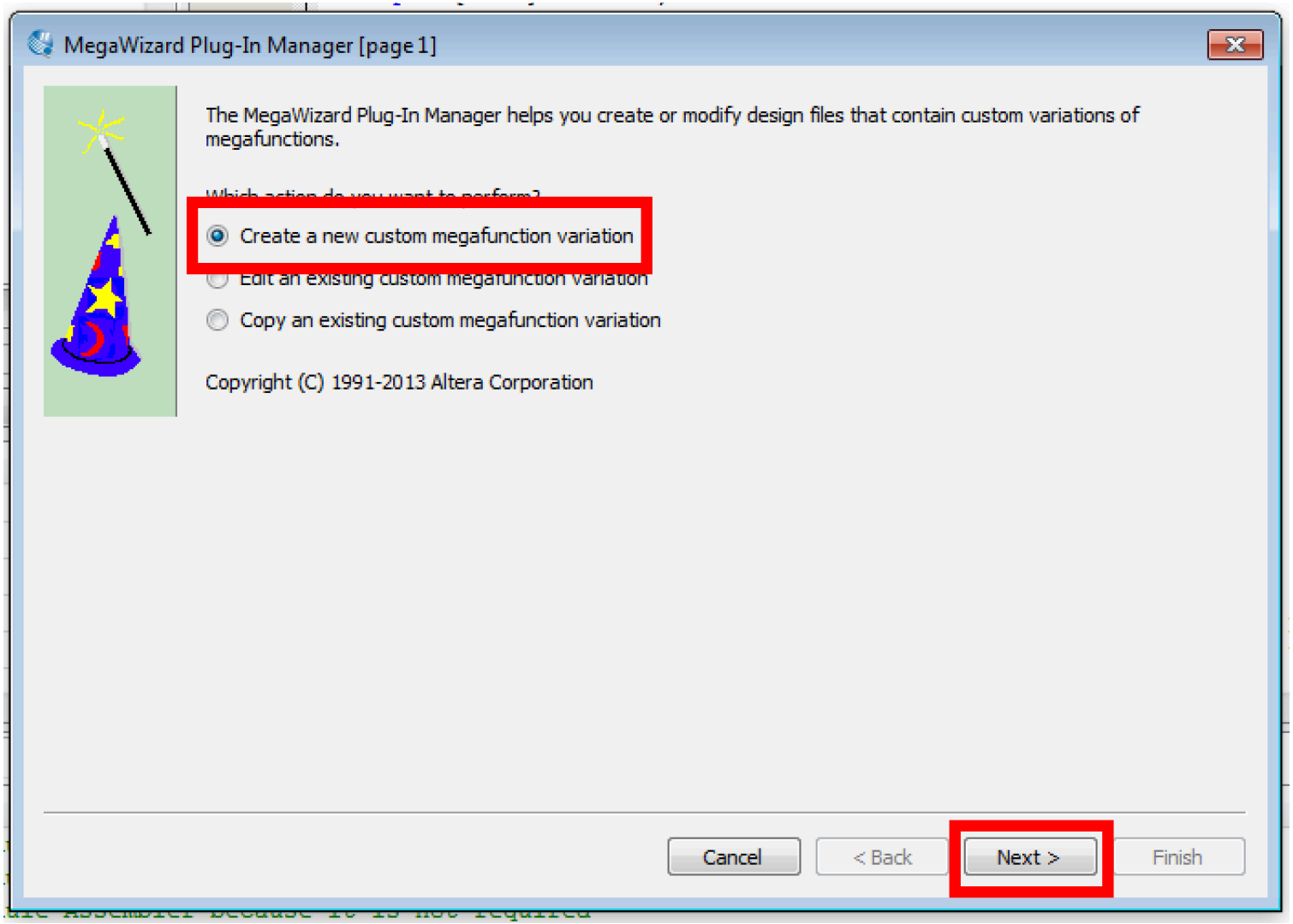
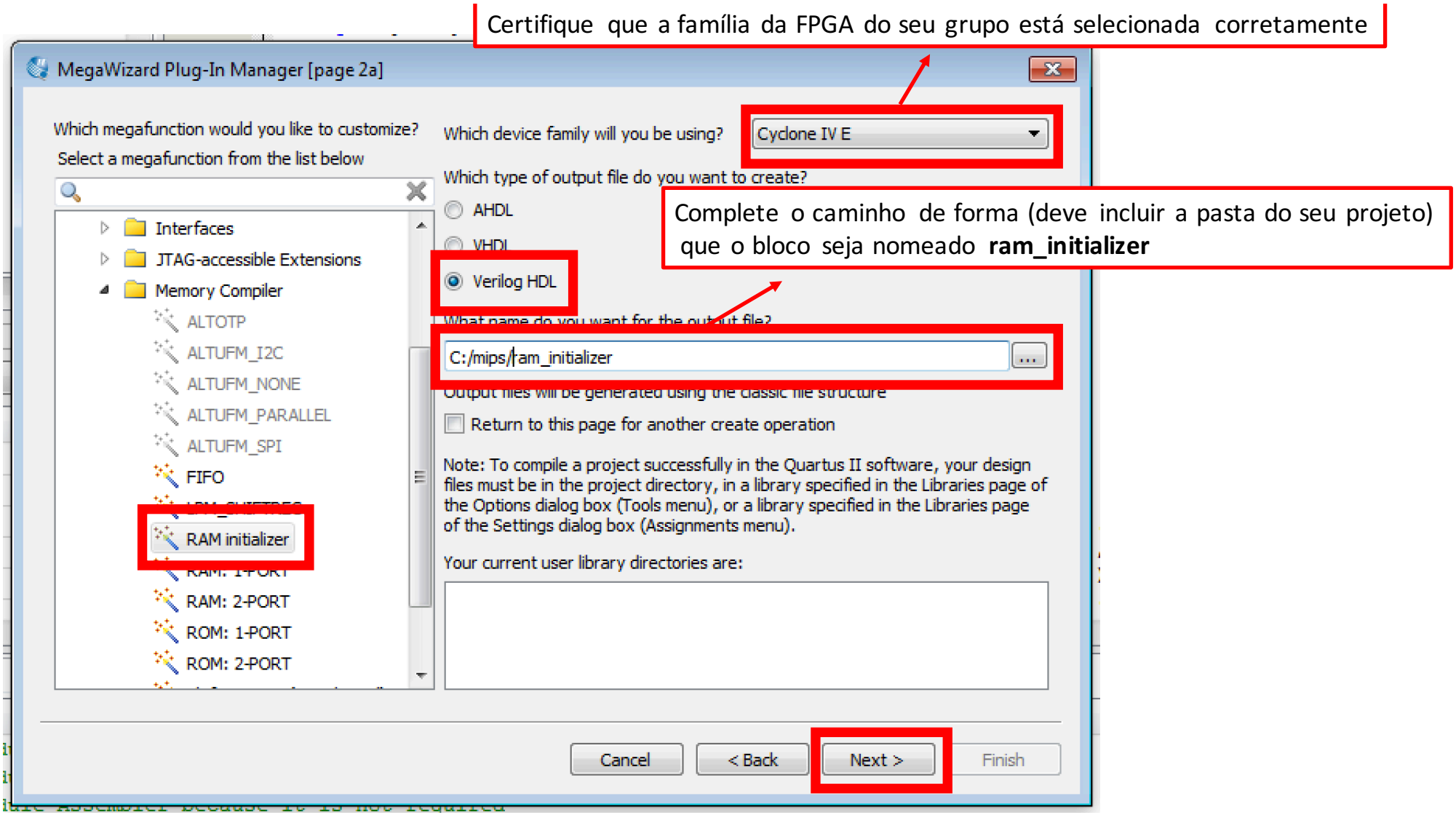
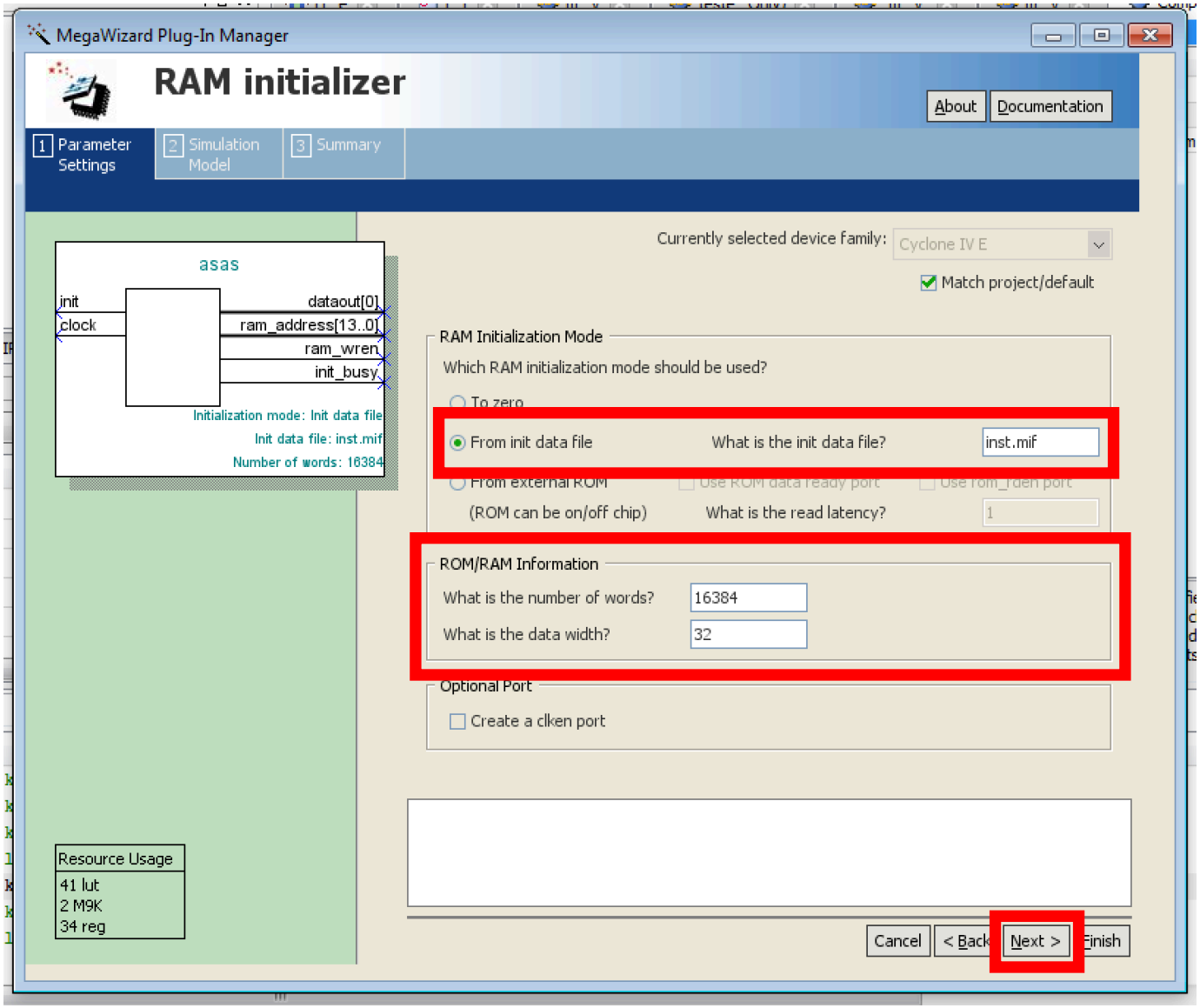
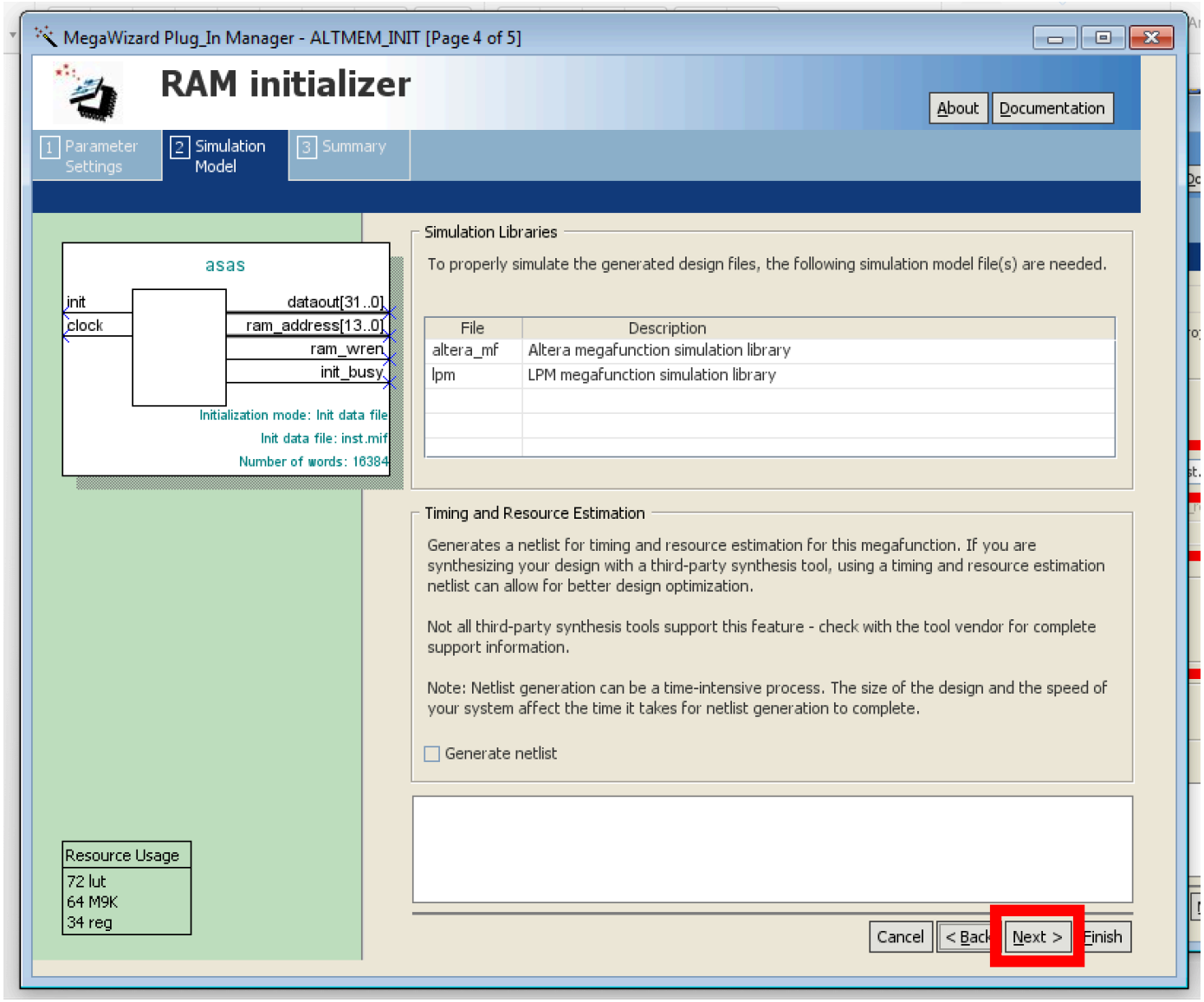


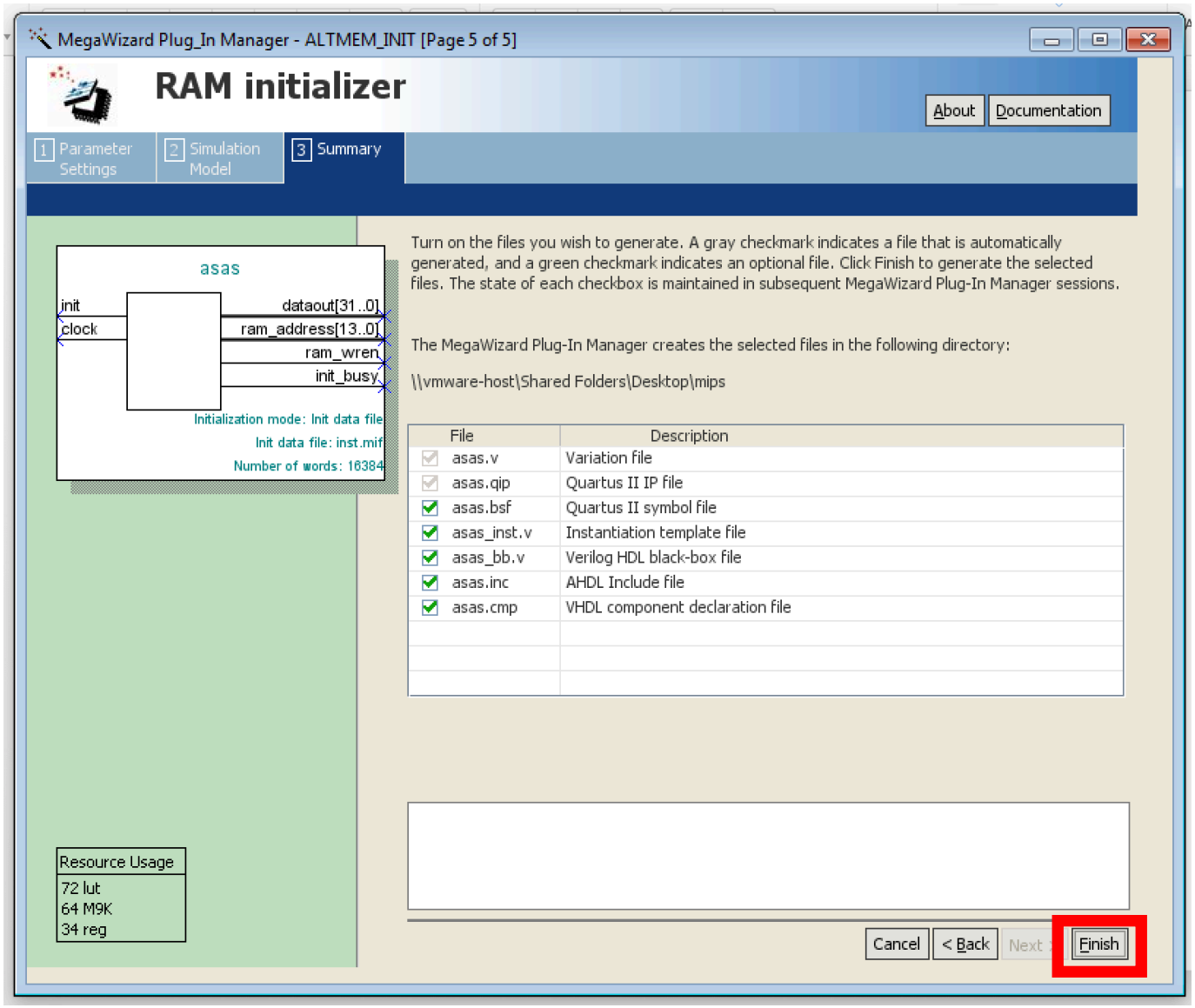
Após criar o projeto, **selecionando o modelo correto da FPGA do seu grupo**, utilize o menu "Tools" e inicie o MegaWizard

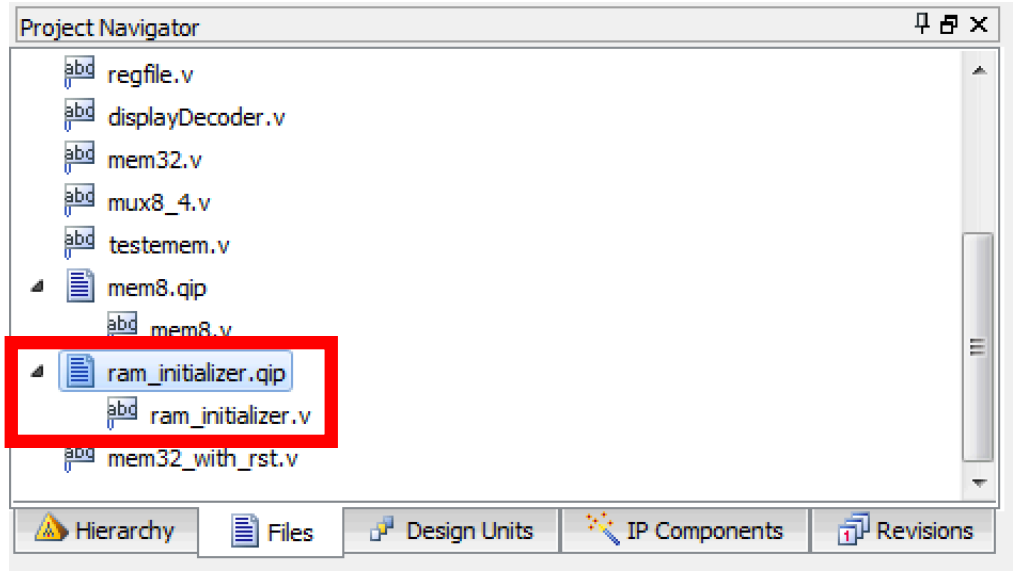

MegaWizard Plug-In Manager [page 1]
The MegaWizard Plug-In Manager helps you create or modify design files that contain custom variations of megafunctions.
Create a new custom megafunction variation
Edit an existing custom megafunction variation
Copy an existing custom megafunction variation
Copyright (C) 1991-2013 Altera Corporation
Cancel
< Back
Next >
Finish


Certifique que a família da FPGA do seu grupo está selecionada corretamente
MegaWizard Plug-In Manager [page 2a]
Which megafunction would you like to customize?
Select a megafunction from the list below
Interfaces
JTAG-accessible Extensions
Memory Compiler
ALTOTP
ALTUFM_I2C
ALTUFM_NONE
ALTUFM_PARALLEL
ALTUFM_SPI
FIFO
RAM initializer
RAM: 2-PORT
ROM: 1-PORT
ROM: 2-PORT
Which device family will you be using?
Cyclone IV E
Which type of output file do you want to create?
AHDL
VHDL
Verilog HDL
C:/mips/ram_initializer
Return to this page for another create operation
Note: To compile a project successfully in the Quartus II software, your design files must be in the project directory, in a library specified in the Libraries page of the Options dialog box (Tools menu), or a library specified in the Libraries page of the Settings dialog box (Assignments menu).
Your current user library directories are:
Cancel
< Back
Next >
Finish
Complete o caminho de forma (deve incluir a pasta do seu projeto) que o bloco seja nomeado ram_initializer


MegaWizard Plug-In Manager
RAM initializer
About
Documentation
1 Parameter Settings
2 Simulation Model
3 Summary
asas
init
clock
dataout[0]
ram_address[13..0]
ram_wren
init_busy
Initialization mode: Init data file
Init data file: inst.mif
Number of words: 16384
Currently selected device family:
Cyclone IV E
Match project/default
RAM Initialization Mode
Which RAM initialization mode should be used?
To zero
From init data file
What is the init data file?
inst.mif
From external ROM
(ROM can be on/off chip)
What is the read latency?
1
ROM/RAM Information
What is the number of words?
16384
What is the data width?
32
Optional Port
Create a clken port
Resource Usage
41 lut
2 M9K
34 reg
Cancel
< Back
Next >
Finish


MegaWizard Plug_In Manager - ALTMEM_INIT [Page 4 of 5]
RAM initializer
About
Documentation
1 Parameter Settings
2 Simulation Model
3 Summary
asas
init
clock
dataout[31..0]
ram_address[13..0]
ram_wren
init_busy
Initialization mode: Init data file
Init data file: inst.mif
Number of words: 16384
Simulation Libraries
To properly simulate the generated design files, the following simulation model file(s) are needed.
File
Description
altera_mf
Altera megafunction simulation library
lpm
LPM megafunction simulation library
Timing and Resource Estimation
Generates a netlist for timing and resource estimation for this megafunction. If you are synthesizing your design with a third-party synthesis tool, using a timing and resource estimation netlist can allow for better design optimization.
Not all third-party synthesis tools support this feature - check with the tool vendor for complete support information.
Note: Netlist generation can be a time-intensive process. The size of the design and the speed of your system affect the time it takes for netlist generation to complete.
Generate netlist
Resource Usage
72 lut
64 M9K
34 reg
Cancel
< Back
Next >
Finish


MegaWizard Plug_In Manager - ALTMEM_INIT [Page 5 of 5]
RAM initializer
About
Documentation
1 Parameter Settings
2 Simulation Model
3 Summary
asas
init
clock
dataout[31..0]
ram_address[13..0]
ram_wren
init_busy
Initialization mode: Init data file
Init data file: inst.mif
Number of words: 16384
Turn on the files you wish to generate. A gray checkmark indicates a file that is automatically generated, and a green checkmark indicates an optional file. Click Finish to generate the selected files. The state of each checkbox is maintained in subsequent MegaWizard Plug-In Manager sessions.
The MegaWizard Plug-In Manager creates the selected files in the following directory:
\\vmware-host\Shared Folders\Desktop\mips
File
Description
asas.v
Variation file
asas.qip
Quartus II IP file
asas.bsf
Quartus II symbol file
asas_inst.v
Instantiation template file
asas_bb.v
Verilog HDL black-box file
asas.inc
AHDL Include file
asas.cmp
VHDL component declaration file
Resource Usage
72 lut
64 M9K
34 reg
Cancel
< Back
Next >
Finish



Após a finalização, verifique se o bloco ram_initializer foi criado corretamente no seu projeto. Caso necessite, verifique a especificação de uso no arquivo ram_initializer.v.

Caso deseje carregar a memória de dados com conteúdo diferente, talvez seja necessário criar outro inicializador com outro nome.