**Programming SPI FLASH on Artix Board.**
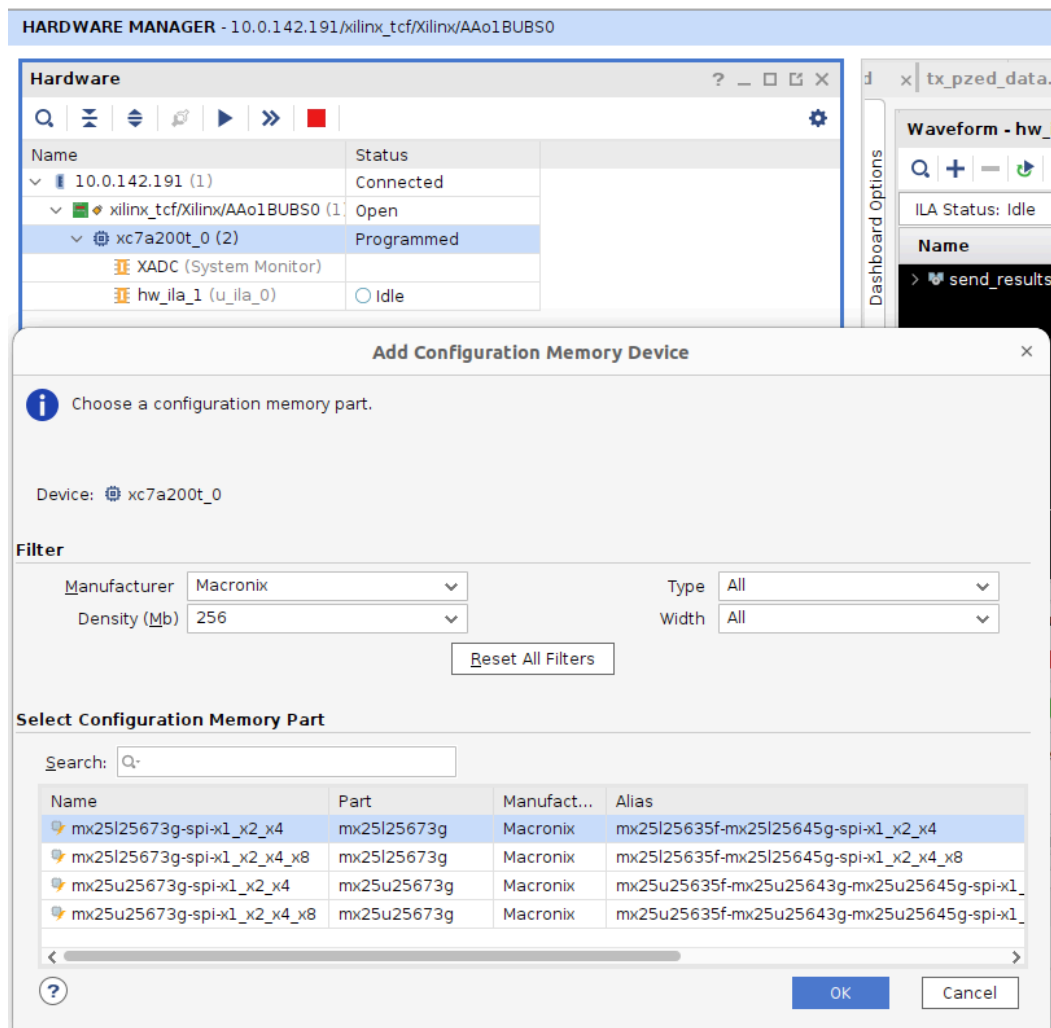
Add this to the constraint file:

#set_property CONFIG_MODE SPIx4 [current_design]
set_property BITSTREAM.CONFIG.SPI_BUSWIDTH 4 [current_design]

After creating a .bit (and .bin) file

Open the hardware manager, right click on the xc7a200t part and select add configuration memory device.   Use the mx25l256673g-x1_x2_x4 part

It will then ask if you wish to program the configuration memory device now.

Select the top.bin file and press OK.