

XSCOPE DISPLAY ON XCORE 200 EXPLORER KIT

1. Create a new project in xTIMEcomposer studio.
2. Copy the source file in the **src** folder.
3. Expand the project folder in the **Project Explorer** pane.
4. Right click on the **Makefile** and select **Open with --> Text Editor**.
5. Add the following line in the **Makefile**
`XCC_FLAGS = -Wall -O2 -report -fxscope -g`
6. In the **Project Explorer** right click on **config.xscope --> Open With--> Text Editor**.
7. Add the following line in the file:
`<xSCOPEconfig ioMode="basic" enabled="true">`

`<Probe name="x" type="CONTINUOUS" datatype="UINT" units="Value" enabled="true"/>`
`<Probe name="y" type="CONTINUOUS" datatype="UINT" units="Value" enabled="true"/>`
`<Probe name="r" type="CONTINUOUS" datatype="UINT" units="Value" enabled="true"/>`
`<Probe name="g" type="CONTINUOUS" datatype="UINT" units="Value" enabled="true"/>`
`<Probe name="b" type="CONTINUOUS" datatype="UINT" units="Value" enabled="true"/>`
`</xSCOPEconfig>`
8. On the project, Right click, select **Run as --> Run Configurations**.
9. Under **Device Options** select **hardware**, Under **Target IO Options** select **xSCOPE(via xCONNECT/UART)**
10. Scroll down Under **Additional xrun command options** enter `--xscope-port localhost:10234`
11. Click **Apply** and click **Run**.

