

PIC18F6490 Datasheet -

<http://ww1.microchip.com/downloads/en/DeviceDoc/39629c.pdf>

I2C using the XC8 Compiler for PIC18 -

<http://ww1.microchip.com/downloads/en/AppNotes/00001488B.pdf>

AR1010 Datasheet -

http://www.rockbox.org/wiki/pub/Main/ArchosVision24c/AR1010_brief.pdf

TDA2822D Datasheet -

<http://pdf.datasheetcatalog.com/datasheet/stmicroelectronics/1463.pdf>

Also it might be worth mentioning that the XC8 has a built in library to deal with the I2C communication and the C-source files can be found in

..\Microchip\XC8\v1.33\sources\pic18\plib\i2c