Cortex-M4 :

Cortex-M4 Devices Generic User Guide, ARM, 2010, ARM DDI 0553A (ID0121610):

http://infocenter.arm.com/help/index.jsp?topic=/com.arm.doc.dui0553a/index.html

Cortex-M4 Technical Reference Manual, Revision: r0p0. 2012, ARM DDI 0439B:

http://infocenter.arm.com/help/index.jsp?topic=/com.arm.doc.ddi0439b/Chdhfiah.html

Compiler :

Procedure Call Standard for the ARM Architecture, ARM, Nov. 30 2012, ARM IHI 0042E:

http://infocenter.arm.com/help/topic/com.arm.doc.ihi0042d/IHI0042D_aapcs.pdf

Keil uVision MDK :

uVision Lab for the STM32F4 Discovery Board, ARM, v 2.2, 2013, apnt_230.pdf, ARM Ltd:

http://www.keil.com/appnotes/docs/apnt_230.asp

ARM Architecture :

ARMv7 Architecture Reference Manual, ARM, 2010, ARM DDI 0403D: http://infocenter.arm.com/help/index.jsp?topic=/com.arm.doc.ddi0403c/index.html

ARM and Thumb-2 Instruction Set Quick Reference Card, ARM, 2008, ARM QRC 0001M:

http://infocenter.arm.com/help/topic/com.arm.doc.qrc0001m/index.html

Thumb 16-bit Instruction Set Quick Reference Card, ARM, 2008, ARM QRC 0006E:

http://infocenter.arm.com/help/topic/com.arm.doc.qrc0006e/index.html

ST32F407 :

STM32F407xx Datasheet, STMicroelectronics., Rev. 4, 6/2013:

http://www.st.com/st-web-ui/static/active/en/resource/technical/document/datasheet/DM00037051.pdf?s_searchtype=keyword

STM32F407xx Reference Manual, STMicroelectronics., Rev. 5, 9/2013:

http://www.st.com/st-web-ui/static/active/en/resource/technical/document/reference_manual/DM00031020.pdf?s_searchtype=keyword

STM32F4xx Cortex-M4 programming manual, STMicroelectronics., Rev. 3, 9/2012:

http://www.st.com/st-web-ui/static/active/en/resource/technical/document/programming_manual/DM00046982.pdf

ST32F4 Discovery Board :

STM32F4 Discovery User Manual, STMicroelectronics., Rev. 2, 1/2012:

http://www.st.com/st-web-ui/static/active/en/resource/technical/document/user_manual/DM00039084.pdf

Additional Components:

HD44780 LCD driver Wikipedia page:

http://en.wikipedia.org/wiki/Hitachi_HD44780_LCD_controller

Energizer Product Data Sheet: CR2032 Coin Cell, Energizer Holdings, Inc., EBC-4120M:

http://data.energizer.com/PDFs/cr2032.pdf