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An embedded systems enthusiast, professional or student who is struggling to start programming on the ARM Cortex-M platform. Worked with Arduino before, and has basic working knowledge of embedded systems. Worked with 8-bit and 16-bit microcontrollers and want to venture into the world of 32-bit microcontrollers.

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Embedded systems: introduction to ARM® Cortex(TM)-M

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Embedded Systems with ARM Cortex-M Microcontrollers in Assembly Language and C (Third Edition) ISBN-13: 978-0-9826926-6-0, Publisher: E-Man Press LLC; 3rd edition (July 2017) Available from Amazon, Walmart

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representation, assembly language programming, design of memory systems, input and output device interfacing and programming, multiprocessing. Textbook: Embedded Systems with ARM Cortex-M3 Microcontrollers in Assembly Language and C, Dr. Yifeng Zhu, E-Man Press, LLC, 2014, ISBN 978-0-9826926-2-2. (available at . amazon.com and other sources)

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