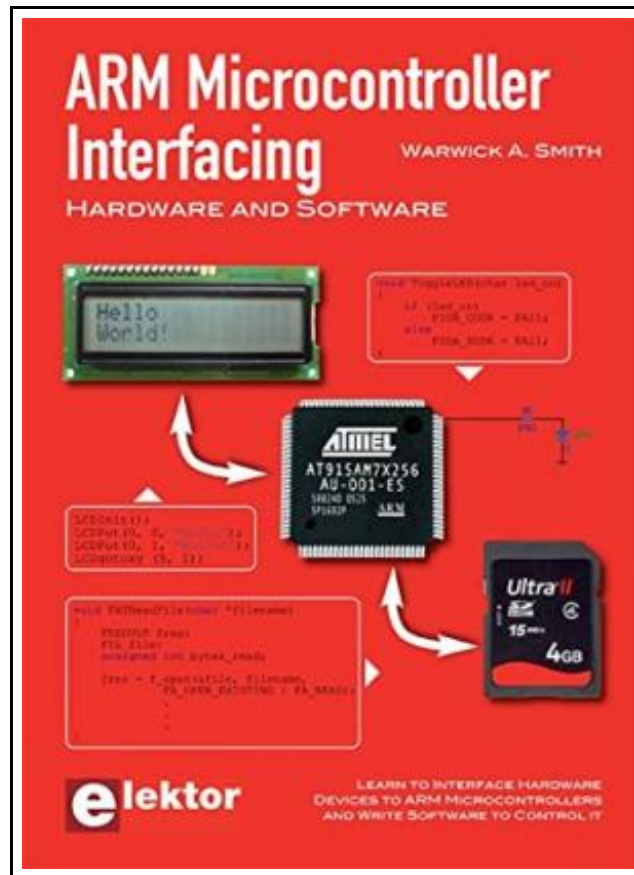


## ARM Microcontroller Interfacing



Filesize: 1.04 MB

### Reviews

*Comprehensive guide! Its this type of very good read through. It is actually written in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.*

*(Bernie Mante PhD)*

## ARM MICROCONTROLLER INTERFACING

DOWNLOAD



Book Condition: New. Publisher/Verlag: Elektor-Verlag | Hardware and Software. Learn to interface hardware devices to arm microcontrollers and write software to control it | Learn to interface and program hardware devices in a wide range of useful applications, using ARM7 microcontrollers and the C programming language. Examples covered in full detail include a simple LED to a multi-megabyte SD card running the FAT file system. Features of this book: - Build prototype circuits on breadboard or Veroboard and interface to ARM microcontrollers. - A 32-bit ARM7 microcontroller is used in interfacing and software examples. - Interfacing principles apply to other ARM microcontrollers and other non-ARM microcontrollers as well. - Example programs are written in the C programming language. - Use only free or open source software. - Download and install all programming tools from the Internet. - Template project files are provided for easy project creation. Hardware: Interface to LEDs, transistors, optocouplers, relays, solenoids, switches, keypads, LCD displays, seven segment displays, DC motors, stepper motors, external analogue signals using the ADC, RS-232, RS-485, TWI, USB, SPI and SD memory cards. Software: Once hardware has been interfaced to a microcontroller, software must be written to control the hardware. You will learn how to write programs to operate externally interfaced hardware devices, use timers and interrupts. Also learn how to port FAT file system code for use with an SD memory card, program the PWM to produce an audio sine wave, program the PWM to speed control a DC motor and more. A chapter on more advanced ARM microcontrollers is included with an overview of some of the newest ARM microcontrollers and their features. | Format: Paperback | Language/Sprache: english | 422 gr | 249 pp.



[Read ARM Microcontroller Interfacing Online](#)



[Download PDF ARM Microcontroller Interfacing](#)

## You May Also Like



### Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Download ePub »](#)



### Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Download ePub »](#)



### A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

[Download ePub »](#)



### The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators...

[Download ePub »](#)



### It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating...

[Download ePub »](#)

**DK Readers Day at Greenhill Farm Level 1 Beginning to Read**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs

[Read PDF »](#)

**Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

[Read PDF »](#)

**Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners**

Fernhurst Books Limited. Paperback. Book Condition: new. BRAND NEW, Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners, Paul B. Boissier, Expert information for yachtsmen and

[Read PDF »](#)

**Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 148 mm. Language: N/A. Brand New Book. Sly Fox is hungry and he wants to catch and eat Red Hen. Armed with his

[Read PDF »](#)

**Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peter Rabbit: Treehouse Rescue - Read it Yourself with Ladybird: Level 2, This is based on the new Peter Rabbit animated TV series. Peter and Lily

[Read PDF »](#)