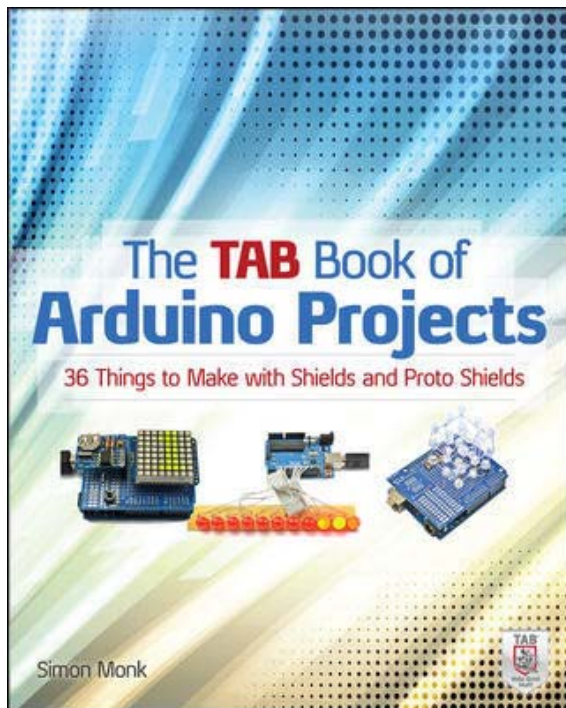# The TAB Book of Arduino Projects: 36 Things to Make with Shields and Proto Shields

- **Authors:** Simon Monk
- **Published:** September 11th 2014
- **Edition:** 1
- **ISBN:** 9780071790673
- **Format:** Print
- **Pages:** 400

Description

The ultimate collection of DIY Arduino projects!

In this easy-to-follow book, electronics guru Simon Monk shows you how to create a wide variety of fun and functional gadgets with the Arduino Uno and Leonardo boards. Filled with step-by-step instructions and detailed illustrations, *The TAB Book of Arduino Projects: 36 Things to Make with Shields and Proto Shields* provides a cost estimate, difficulty level, and list of required components for each project. You'll learn how to design custom circuits with Proto Shields and solder parts to the prototyping area to build professional-quality devices. Catapult your Arduino skills to the next level with this hands-on guide.

Build these and many more innovative Arduino creations:

- Persistence-of-vision (POV) display
- High-power LED controller
- Color recognizer
- RFID door lock
- Fake dog
- Person counter
- Laser alarm
- Theramin-like instrument
- FM radio receiver
- Email notifier
- Network temperature and humidity sensor
- Seven segment LED clock
- Larson scanner
- Conway's game of life
- Singing plant
- Ultrasonic rangefinder
- Temperature and light logger
- Autoranging capacitance meter
- Geiger counter

Additional Information

ISBN (10-digit)	0071790675
ISBN	9780071790673
Previous Edition's ISBN	N/A
Format	Print
Binding	Paperback / softback
Stock Due	N/A
Edition	1
Authors	Simon Monk
Series	ELECTRONICS
Division	PBG
Blink Division	N/A
Published	Sep 11, 2014
Publication Status	IN PUBLICATION - ACTIVE