PROJECT FILES
All of the project files for this issue are available at:

ARTICLE MATERIALS

Author: Randy Song & Alexander Ngai
Article: "The Pressure Is On"

RESOURCES


SOURCES
ATmega1284p Microcontroller
Atmel Corp. | www.atmel.com

FT232R USB-to-serial UART interface
Future Technology Devices International | www.ftdichip.com

Author: Shane Soh & Eileen Liu
Article: "Ultrasonic Wayfinder"

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ATmega1284 Microcontroller
Atmel Corp. | www.atmel.com
MB1000 LV-MaxSonar-EZ0 sonar range finder
MaxBotix | www.maxbotix.com

**Author:** Jerry Brown
**Article:** "MCU-Based Control Display Component"

**SOURCES**
LK204-25 LCD
Matrix Orbital | www.matrixorbital.com

PIC18F2420/2520/4420/4520
Microchip Technology | www.microchip.com

mikroBasic
MicroElektronika | www.mikroe.com

**Author:** Ayse Coskun
**Article:** "Budgeting Power in Data Centers"

**REFERENCES**


Author: George Novacek
Article: “Inductors 101”

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Author: Ed Nisley
Article: “Universal Motor Control Vs. Transistor SOA”

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SOURCES
SS49E Hall effect sensor

IXTN62N50L Extended FBSOA MOSFET

M Series stepper driver
Leadshine Technology Co. | www.leadshine.com
Author: Jeff Bachiochi
Article: “Embedded Voice Recognition (Part 2)”

SOURCES
Audacity audio editor
http://audacity.sourceforge.net/

EasyVR Module and EasyVR development kit
TIGAL KG | www.veear.eu

Liberty BASIC
Shoptalk Systems | www.libertybasic.com

PIC18F26K22 Microcontroller
Microchip Technology, Inc. | www.microchip.com

RSC-4x Speech recognition and synthesis microcontrollers
Sensory, Inc. | www.sensory.com