Makers from Hobbyists to Professionals

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Required Multiple Discrete Chips

- Intel 80188EB
- 8250 UART
- AD574 ADC
- CPLD/PAL Glue Logic
- RAM (128K)
- EPROM (256K)
- CS1
- CS2
- CS3
- CS4
- Data
- Address
Powerful SoC Readily Available

Image source: https://upload.wikimedia.org/wikipedia/commons/3/36/Xilinx_Zynq-7000_AP_SoC.jpg
Tutorial Agenda

Maker Trends: The Path of Least Resistance
  *Peter Dokter, SparkFun*

IoT Device Development Challenges and Solutions
  *Venkat Mattela and Sailaja Dharani, Redpine Signals*

Implementing Software Defined Radio on the Parallella
  *Andreas Olofsson, Adapteva*

Current Trends for Hardware & Software Developers
  *Vrajesh Bhavsar, ARM*