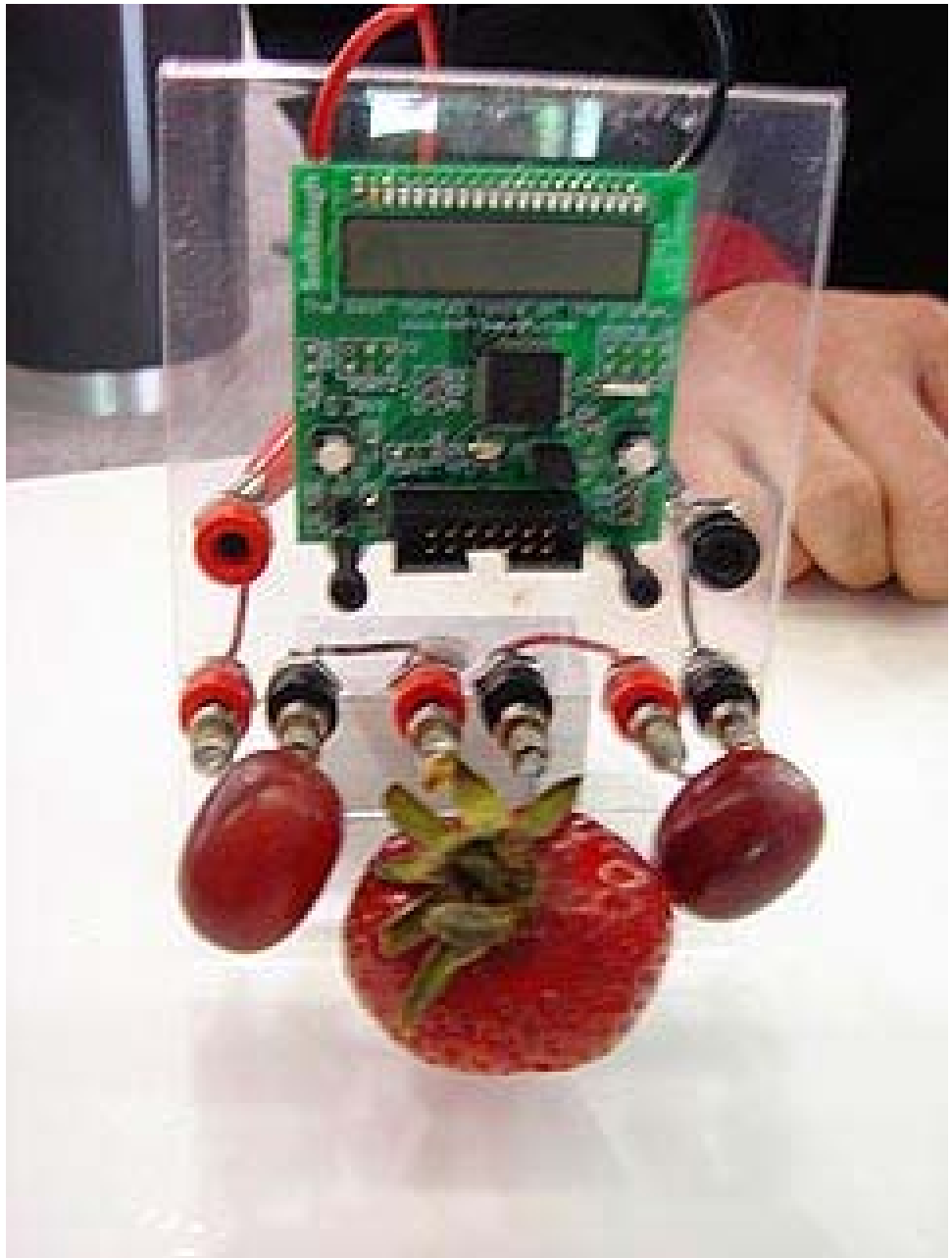
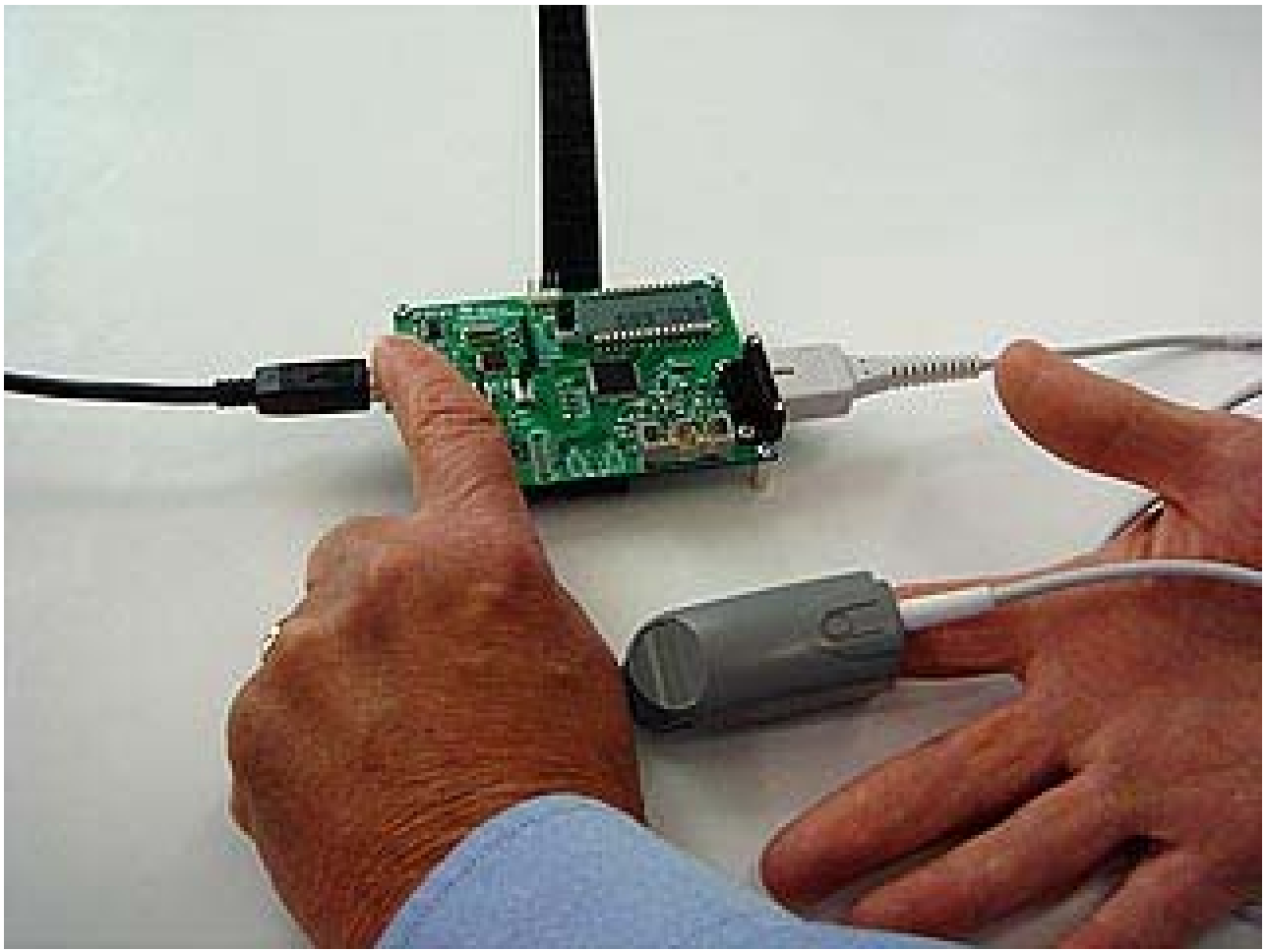
techinsights.
Welcome to
ESC Silicon Valley
April 15, 2008



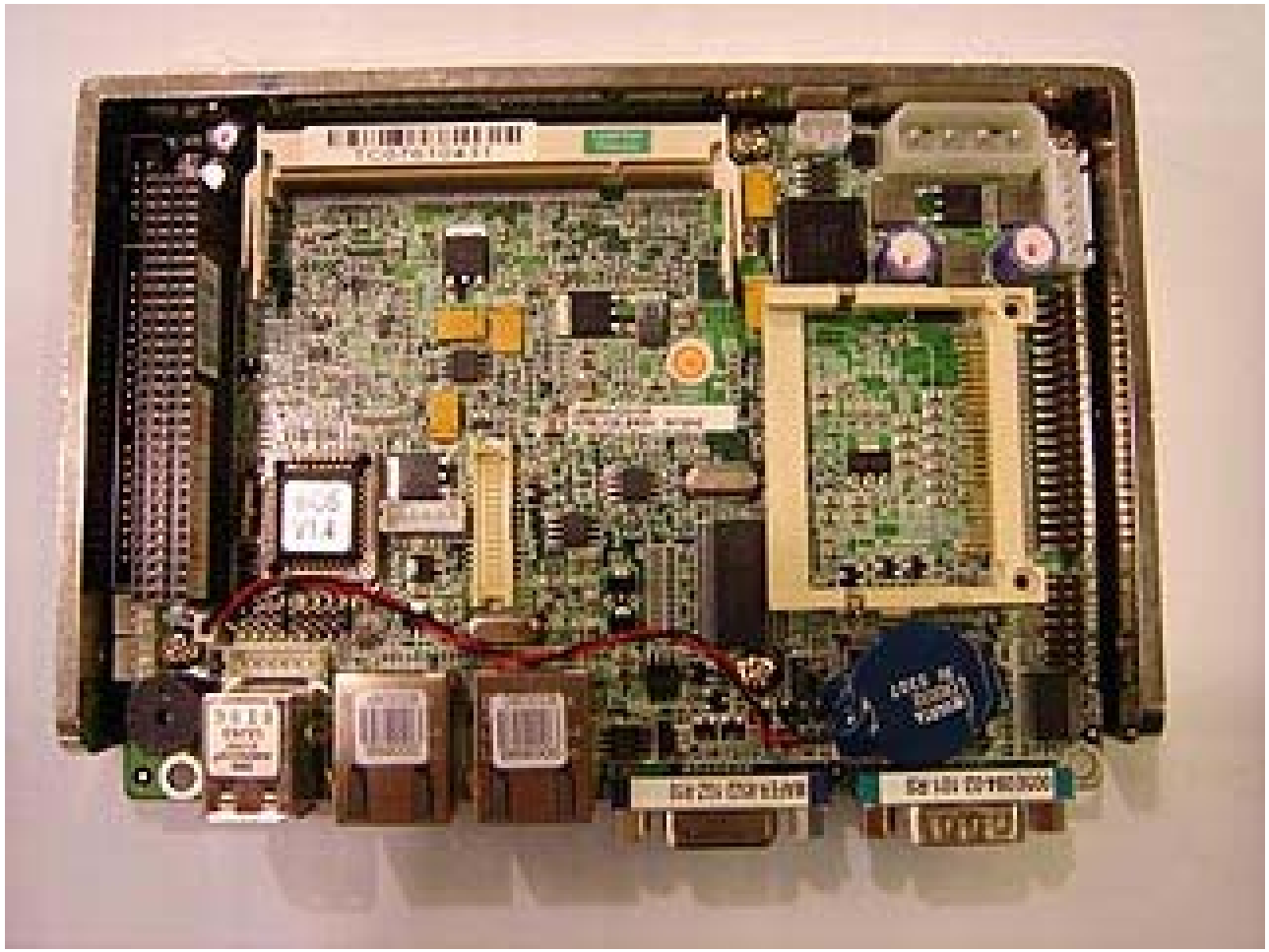


PPH X 1000
FF
% X 10
NG
°C X 100
ITT
RPM X 1000
NF
1180
1992
34
100
325
276
502
48
TEST
- DIM +

BOOSTCAP
Maxwell

NEPTUNE

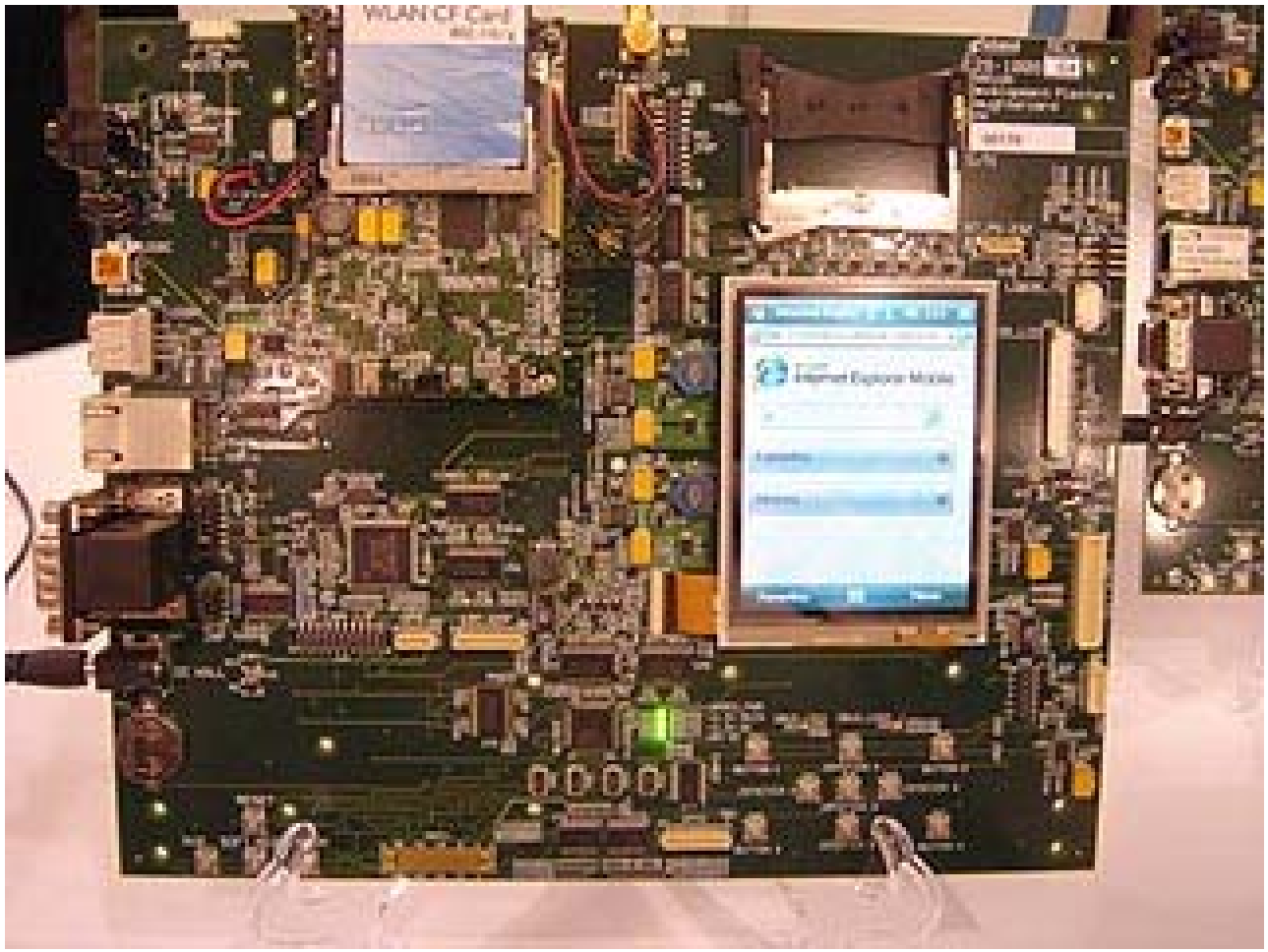
ATHENA II
High Performance Rugged Embedded CPU with Data Acquisition
• VIA Mark 500-800MHz Processor, fanless operation
• 256MB memory soldered on board
• 4 RS-232, 4 USB, 10/100 Ethernet
• Data acquisition with autocalibration
• 16 16-bit A/D, 4 12-bit D/A, 24 D/O
• -40° to 85°C operating temperature
• 2-in-1 design

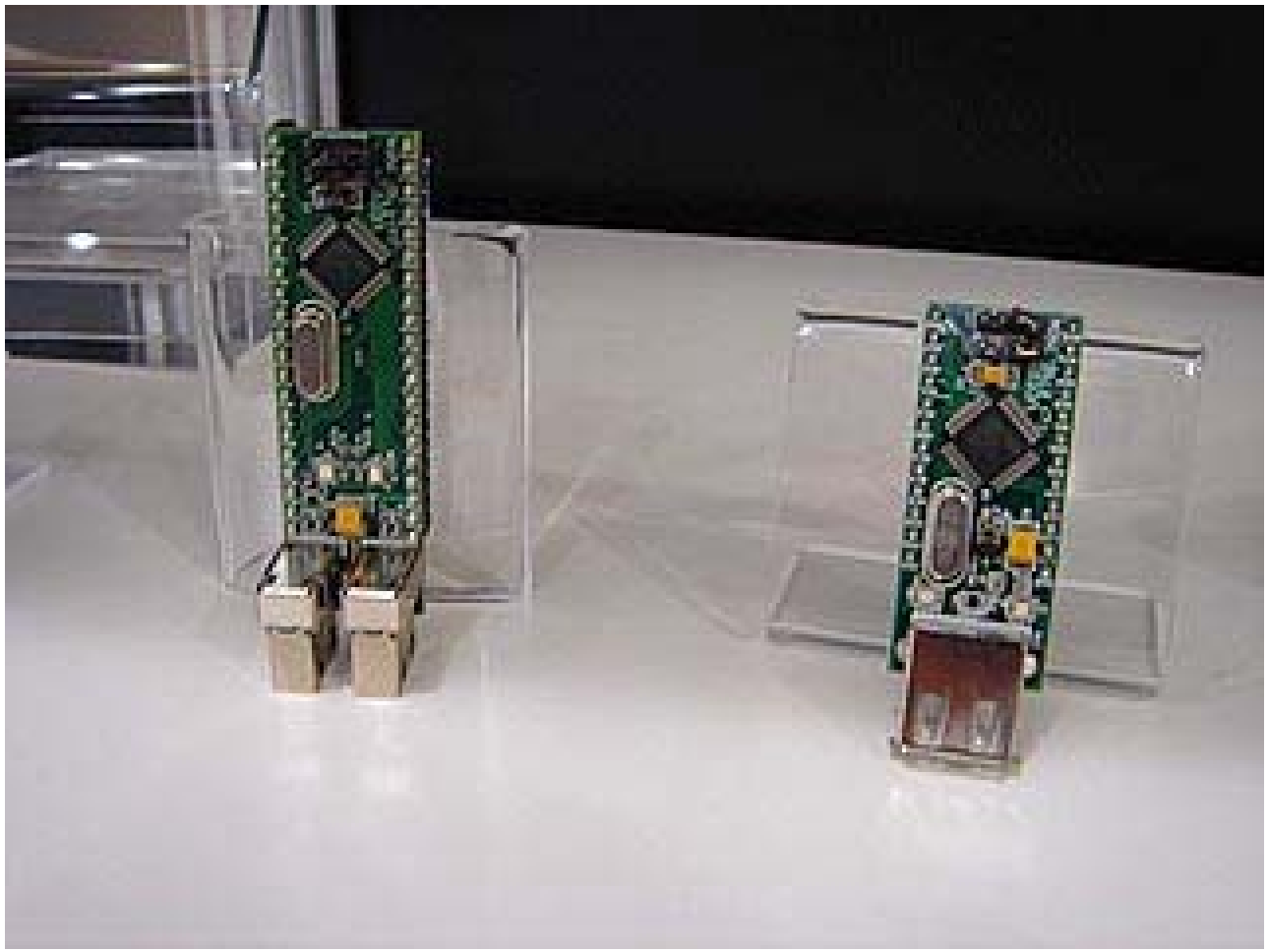


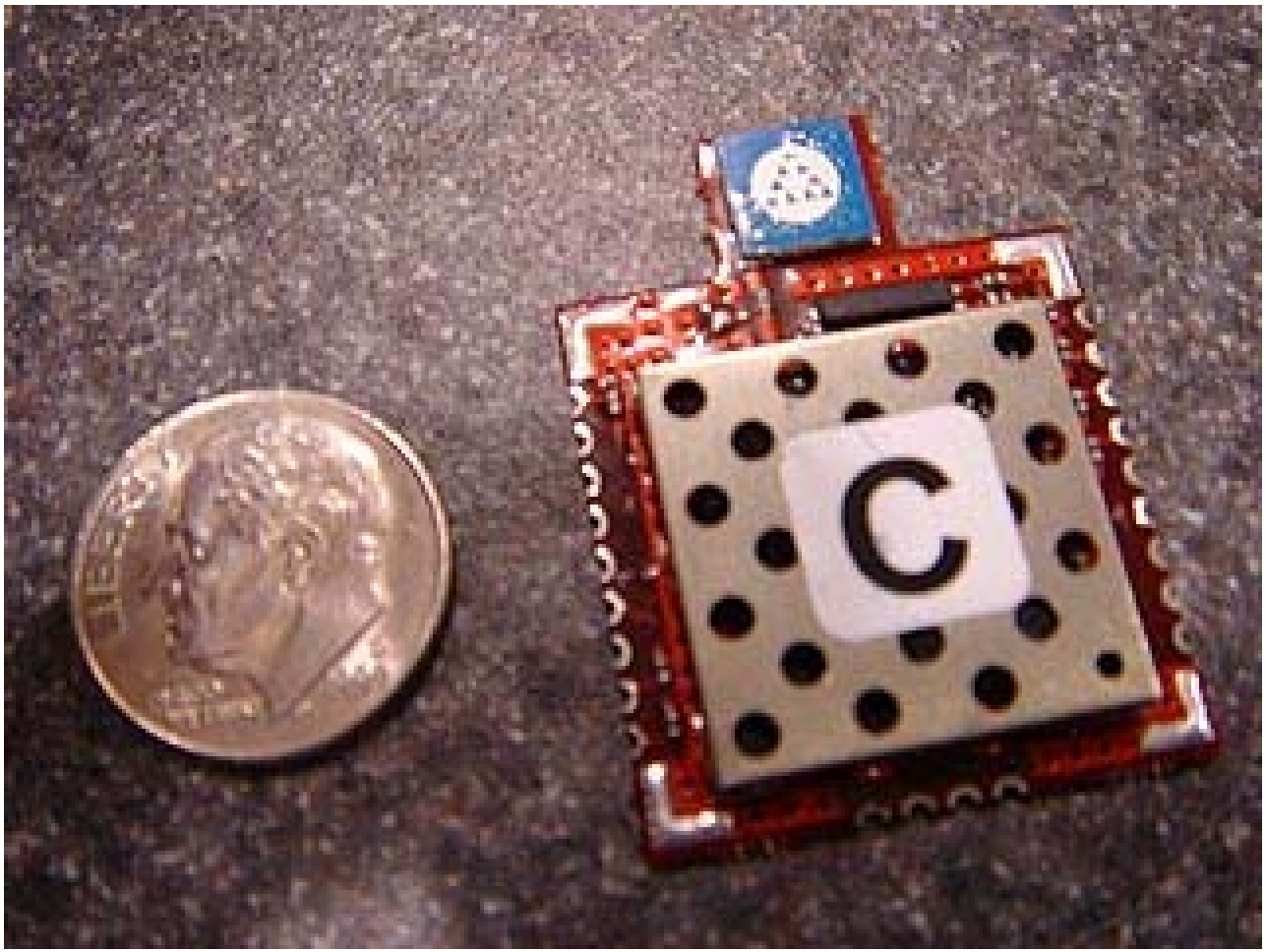
Universal Socket Connectivity
MultiTech

inhand

inhand


WLAN CF Card

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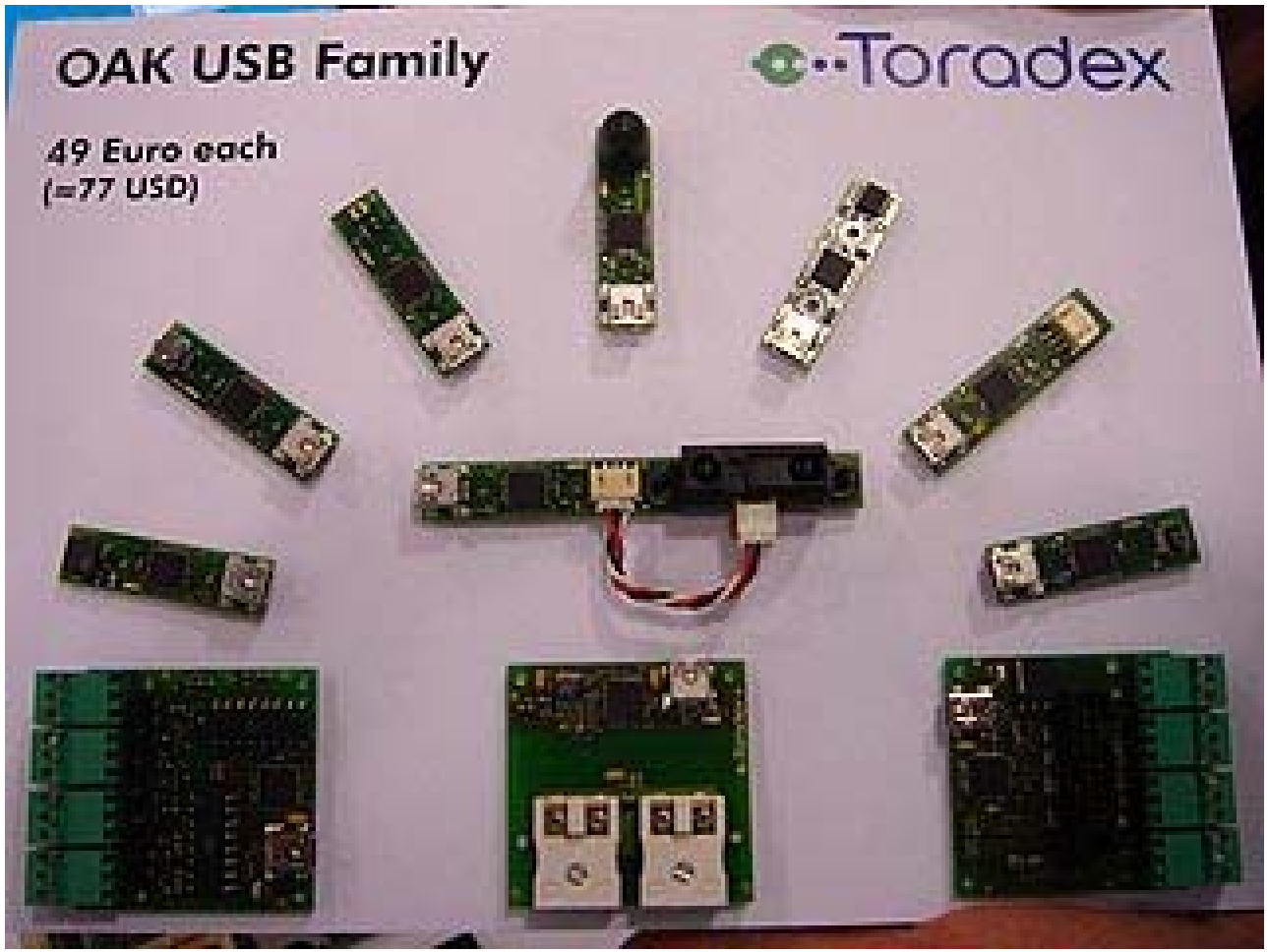
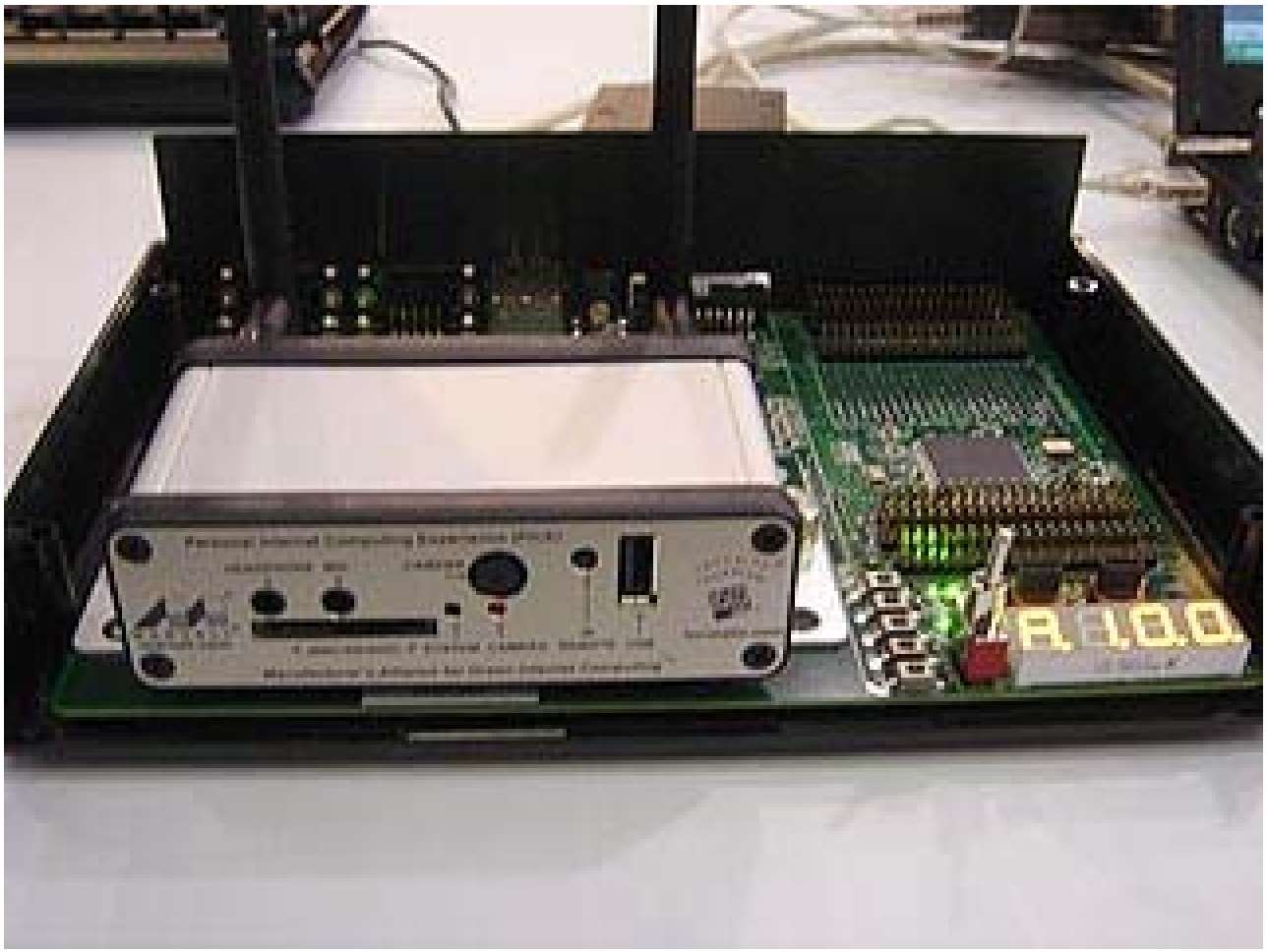

OAK USB Family
Toradex
49 Euro each
(=77 USD)

ZigBee OEM Modules



WIZnet
WIZnet
WIZ110SR

Industrial Control LAN Module

V1.3 2008/4/3

integrated serial-to-Ethernet module built
aturing high-speed UART, SPI, I2C, CAN2.0,
nd a real-time network operating system,

e simplifies your product development
tegrates easily on to the system with
he flexibility of complete product

Applications

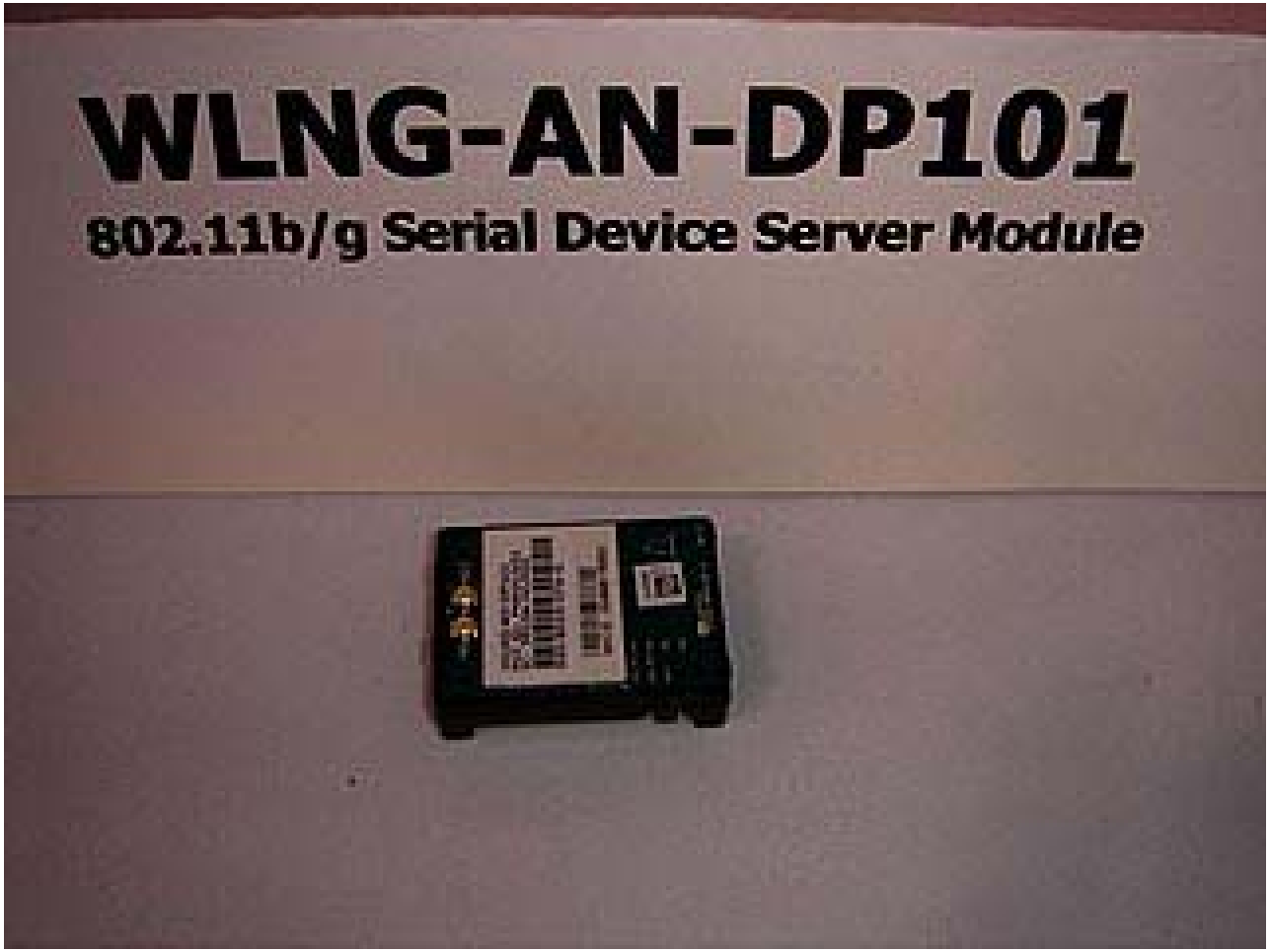
This compact serial-to-Ethernet module is ver
economical comparing to the similar products in t

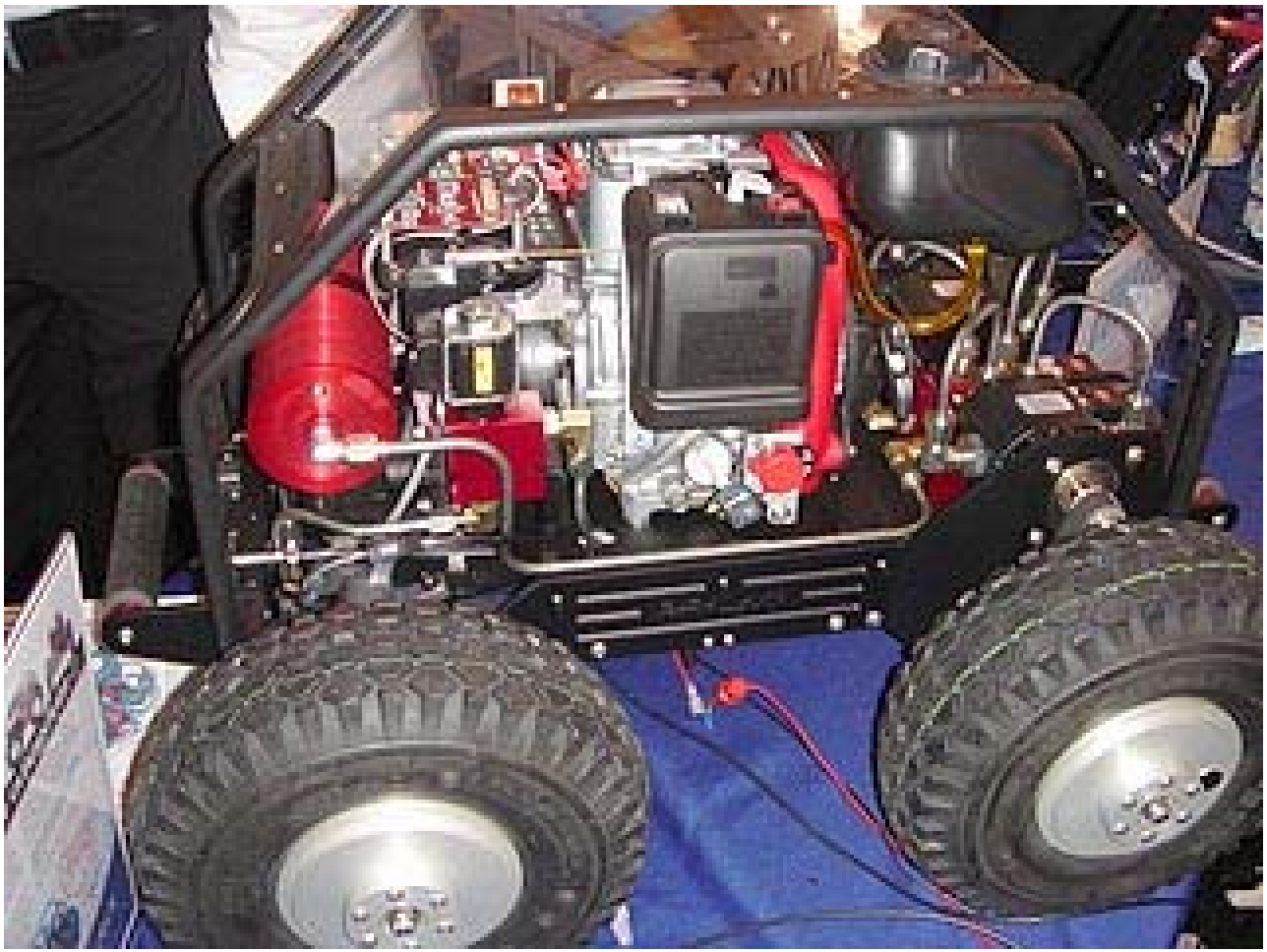
AX110xx
RS-232 to Ethernet Reference Design

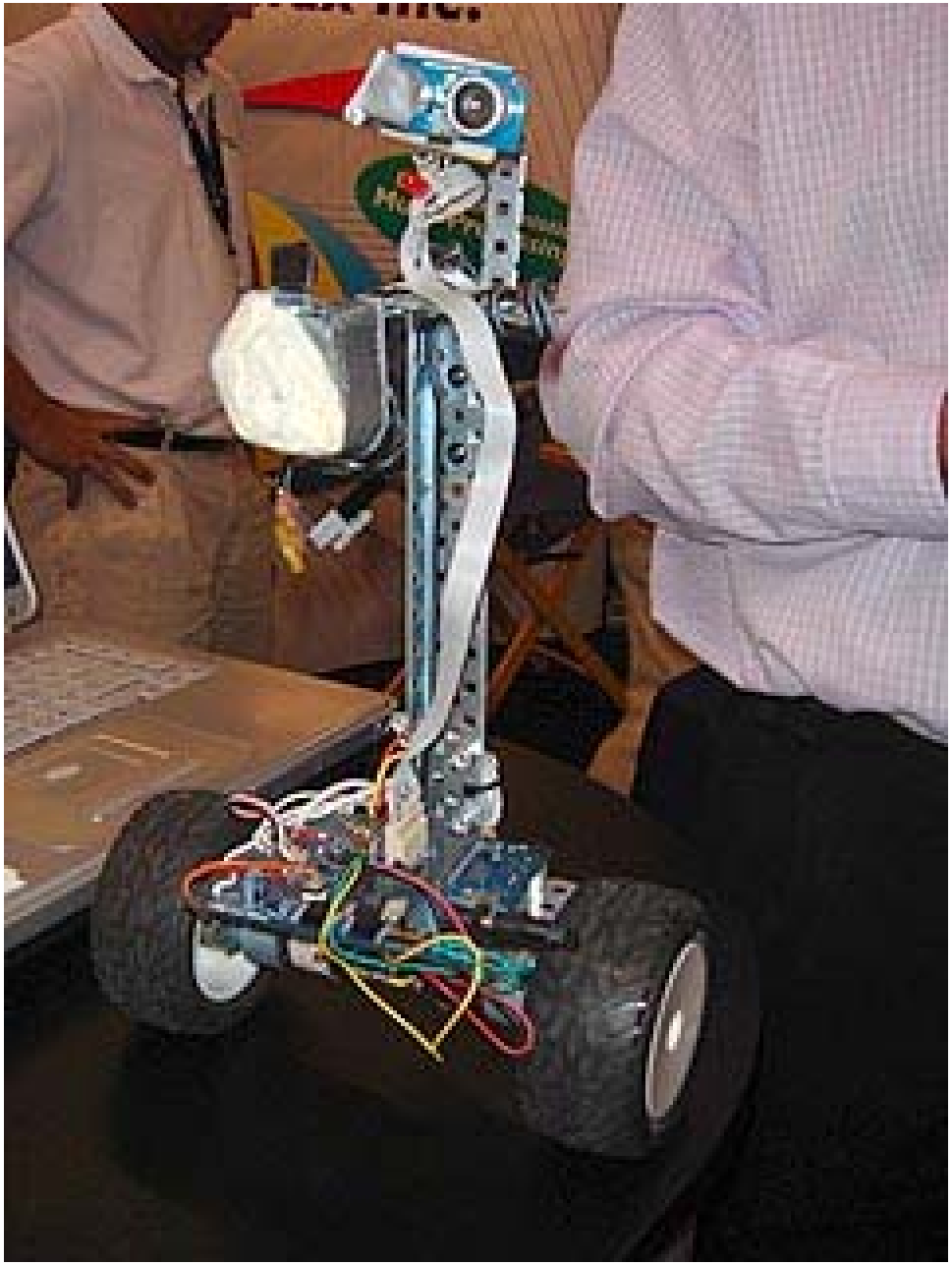
Hardware Block Diagram

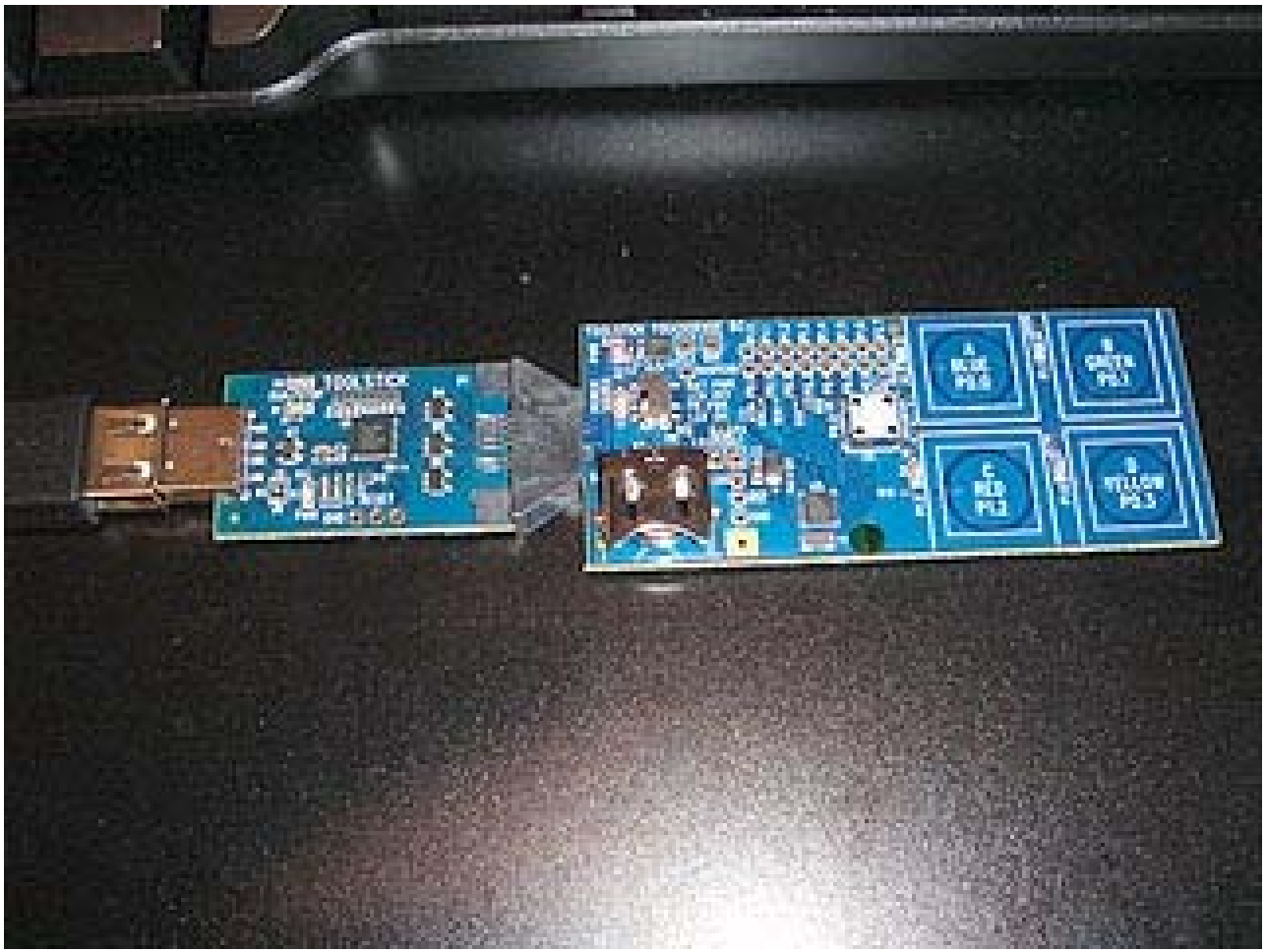
eZ430
ZACC06
Texas Instruments

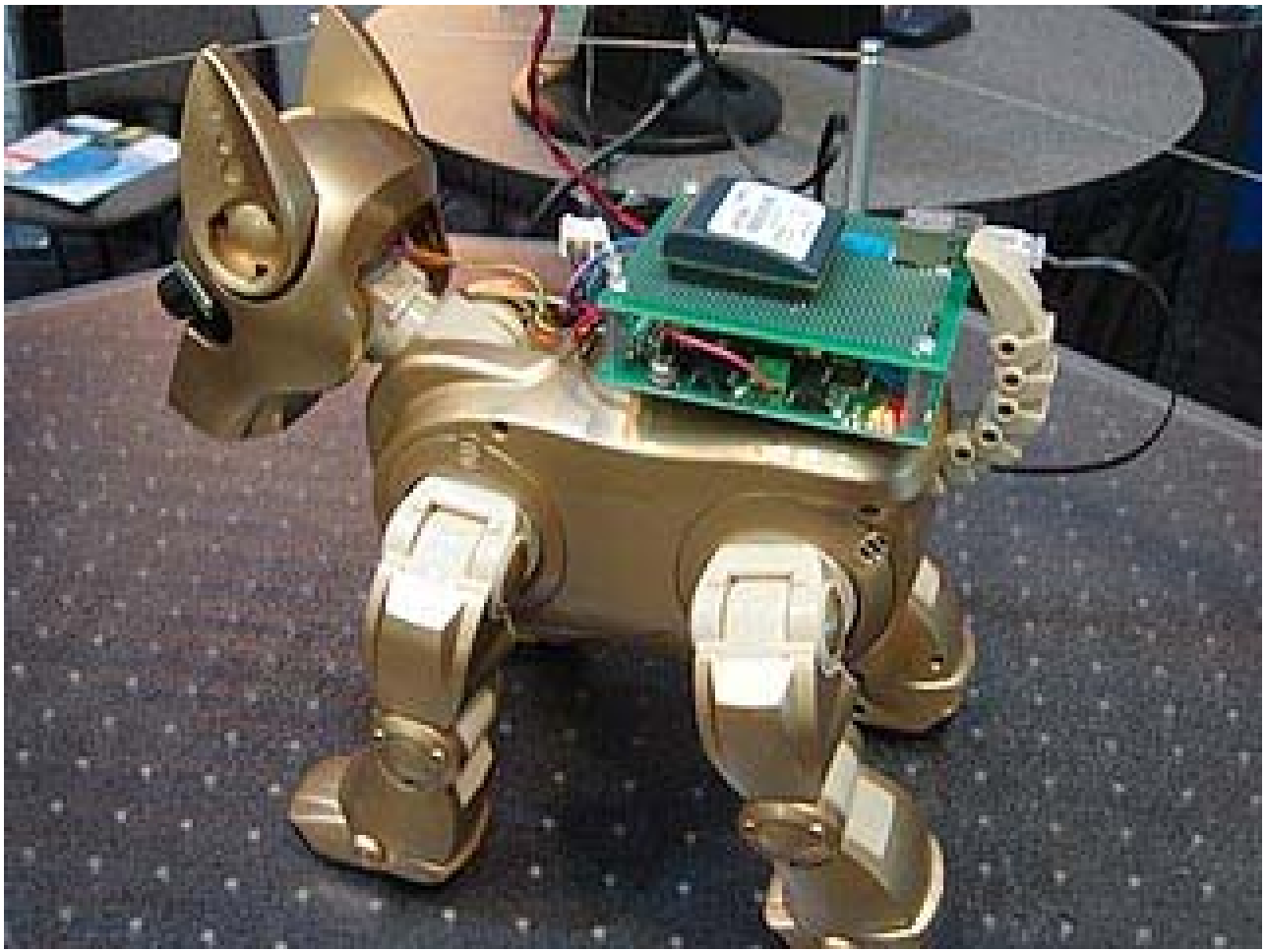
Enclosed PC/104 System

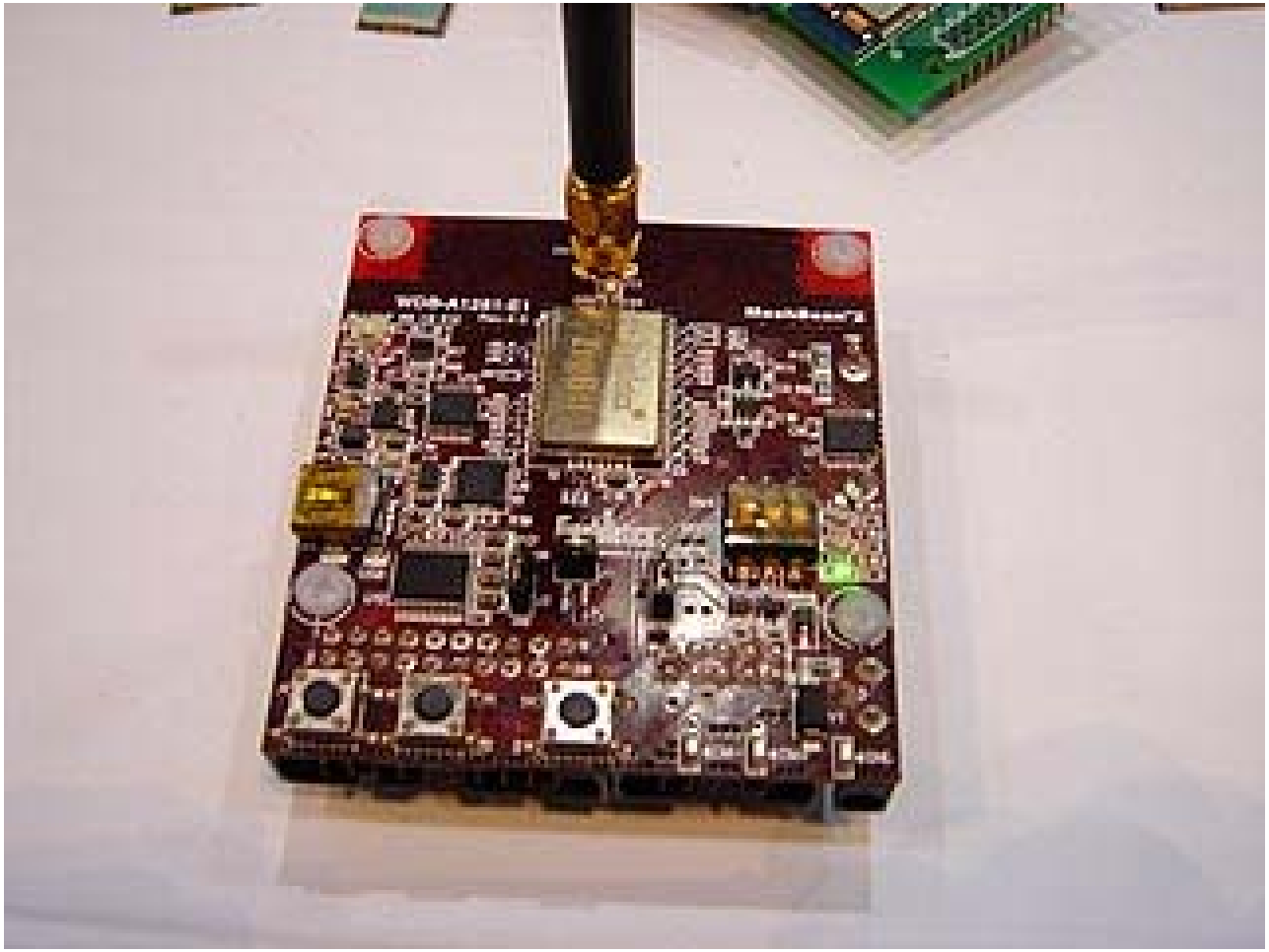

WLNG-AN-DP101
802.11b/g Serial Device Server Module



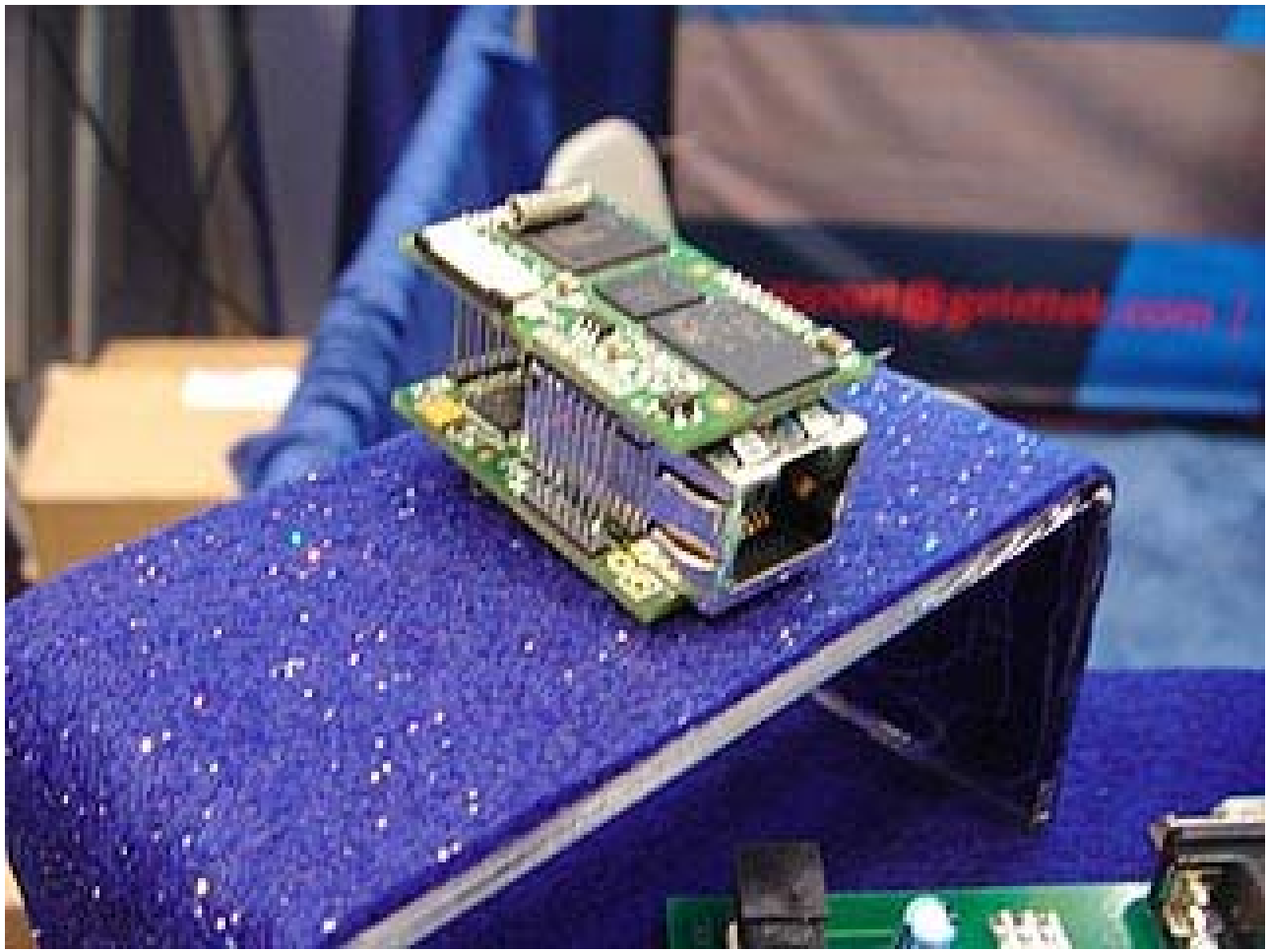



A
BLUE
P0.6
B
GREEN
P0.7
C
RED
P1.2
D
YELLOW
P0.5





232 SERIAL INTERFA
em RADIOTRON
Easy UART interface with any host microcontroller



kontron
vector