PSE2020. Fuente de inspiración para su proyecto final.

Cornell University AVR architecture student projects

1. Circuit Plotter (video) hackaday,
2. Skittle Sorter (video) hackaday, atmel,
3. SingLock (video) hackaday, atmel blog,
4. AVR 16-bit, stereo, WAV player (video) hackaday,
5. Touchscreen directed robot (video)
6. Doppler Radar for Collision Avoidance (video)
7. MIDI glove (video)
8. Speech Lock (video)
9. Drums anywhere (video) hackaday, electronics-lab,
10. Body fat from Impedance (video) hackaday,
11. Two player Tetris (video)
12. CPR training dummy (video) hackaday,
13. Color TV game (video)
14. DCT Frequency Visualizer (video)
15. Optical Music Reader/player (video) hackaday,
16. Ukule-LED (video) hackaday,
17. Bike Dash (video) hackaday, bike rumor,
18. Music Lockbox (video)
19. Virtual Bowling video game (video) flex sensor supplier -- imagesco.com,
20. Smart Sitter: Wireless Home Automation System (video)
21. Realtime Pitch shifter
22. Virtual Virtuoso for conductors (video)
23. Distance sensor Space Invaders (video)
24. Sound-localizing Camera (video) hackaday,
25. Selfie-bot (video) hackaday,

26. Chiptune heart rate (video)
27. GPS Navigator/Explorer (video)
28. Ultrasonic Pursuit Automobile (video)
29. Boxing Training (video) hackaday,
30. Virtual Object Grabber (video) electronics-lab, hackaday,
31. Piano Sight reading assistant (video)
32. LED Sketchpad (video)
33. Map-learning, line-following robot (video)
34. Smart Medicine Box (video)
35. Bluetooth robot (video) embedded_lab,
36. Balancing robot
37. Sign Language glove (video) embedded lab, hackaday
38. Electro_ocular cursor control (video)
39. Security System

1. Bat Hat (video)
2. Ultrasonic Pathfinder (video)
3. Acoustic Wayfinder (video) embedded-lab, hackaday,
4. Clap-E acoustic tracking robot (video) hacked gadgets,
5. Acoustic Impulse Marker (video) Hacked Gadgets, hackaday,
6. Video input/output rock-paper-scissors (video)
7. Automobile parking simulator (video)
8. Infrared Theremin (video) hackaday,
9. GPS runners watch (video)
10. DJ Party: A Collaborative Music Teacher (video)
11. Wireless Pedometer (video) circuit cellar,
12. Stabilized Gimbal System for CUAIR Camera (video)
13. Handheld Self-stabilizing Camera Platform (video)
14. Laser Tag with wireless logging (video)

15. Gesture-based security (video) atmel, hackaday, hacked gadgets,
16. Pushup Trainer (video)
17. ColdRunner - A Temperature Feedback Running Band
18. Smartboard Replacement interactor (video)
19. Servo-Controlled Fire Extinguisher (video)
20. Webcam Mouse (video)
21. Automated Drink Mixer (video) hackaday
22. Touchscreen Chinese Chess (Xiangqi)
23. Beacon: A Zero Instruction Navigation Device (video)
24. Acoustic Modem (video)
25. Mobile alarm clock (video)
26. Fight Coach (video)
27. Precision Cooker: A Temperature Controlled Cooker (video)
28. Eye Mouse (video) hackaday, hacked gadgets,
29. Scan-E: An optical blood pressure sensor
30. Laser Scanner (video)
31. Autonomous Air-Hockey Goalie (video)
32. NFC Transmitter and Receiver (video)
33. Trainable NEC remote control
34. Remote Controlled POV Display with wireless power (video)
35. POV Magic 8 Ball (video)
36. 3D POV display
37. Air Mouse: An ultrasonic pointer
38. EEG Magic Cat Ears
1. Drumming Teaching and feedback device (video) hackaday,
2. Ahhhh...BIU! video game (video) hackaday,
3. Thermistor Respiratory Monitor (video)
4. Glove mouse (video) lifehacker, adafruit,

5.Glove chess board control (video) hackaday,

6.ProxMidi: A capacitive MIDI sequencing platform (video) Q-touch Design Guide

7.PepGuard: Virtual pepper spray (video, video) external web site, hacked gadgets, hackaday, geekosystem, electronic products,

8.Color to Sound (video)

9.Music Box (video)

10.Muscle music control

11.Digital Reversi board (video)

12.Audio Spectrum analyzer (video) hackaday,

13.Virtual Archery (video) hacked gadgets, make, hackaday,

14.Optical Morse code transceiver (video) hackaday,

15.Optical microphone and spectrum analyzer (video)

16.IFF System for Infantry (video) hackaday,

17.GPS and compass guided car (video)

18.POV clock (video)

19.Touchscreen Music Device (video)

20.NFC Secure Data Storage

21.Ultrasound Gesture Detection (hackaday)

22.Wireless, voice-controllable, household system (video)

23.Pulse oximeter (video)

24.Haptic Data Visualizer

25.RoboSLR

26.Blackjack dealer

27.Radio station tracker

1.OBD-II Autocross/Track Data Logger for BMW E36 M3 (video: hardware, op, in-car) hackaday

2.3D paint (video) hackaday,]

3.EEG pong (video) popular science, NYTimes, adafruit, hackaday, DCemu, CNET, engadget, PC world, CBC, Slate, WiSci, mashable,

4.TicTocTrac (video) Forbes, hackaday, makerbot, adafruit, arduino blog, geek.com, theVerge, smartplanet,

5.Electronic saxophone--1 (video) hackaday, Make, hackedgadgets

6.Electronic saxophone--2 (video) hackaday

7.Electronic Dhol (video: description. play)

8.Building control model (video)

9.TFT resistive touch screen (video)

10.Auto-composing keyboard (video) hackaday, engadget, Ubergizmo, DAS M.I.T.-MAGAZIN FUR INNOVATION,

11.Phased-array speaker system (video: near-field, far-field)

12.MicroKart 644 --A recordable, replayable, remote control car system.

13.Battle video game (video: description, game play)

14.Robot arm for mars rover

15.Touchpad Figure Recognition (video: recognizer, with POV)

16.POV display (video: description, demo)

17.Sign language translator (video description, game-play) hackaday, engadget, PCworld, deaftechnews,

18.Evolutionary Altitude Control for a Helicopter (video)

19.Digital stethoscope (video) hackaday,

20.Power Manager: Remote Power Control Through LAN (hackaday,)

21.Heliowatcher solar tracker (youtube, heliowatcher.com) hackaday, treehugger,

22.Cooking Assistant for Automatic Temperature Control

23.SousVide immersion cooker

24.BrainMap: fNIR imaging of the brain (video: description, demo) hackaday

25.WiFi music streamer

26.Remote Controlled DMM With Minimum Mass Wireless Coupler

27.Homemade VGA adaptor

28.Seven day alarm

29.Pachinko (video)

30.Quadcopter

31.Exercise Monitoring System (video)

32.Ultrasonic Security System (video)

33.Smart Trash system

34.Touch screen video chess

35.GPS Tracking Device for Cornell Engineering Quad

36.Whiteboard cleaner robot (video) engadget,

37.Self-Reliant Power and Data Management System Schlichting, A., Shafer,

1.Wireless Programmable Pace Swim Clock (video, final packaging) hackaday

2.Rockband vocal bot (video1, video2, youtube, youtube) hackaday

3.DJ Multitouch -- A FTIR Touchscreen Device (video1, video2)

4.FaceAccess -- A Portable Face Recognition System (video) zedomax, make magazine, hackaday, adafruit, electronics-lab, crunchgear

5.Voice decoder for vowels (video, youtube1, youtube2) hackaday, hacked gadgets, electronics-lab,

6.Wireless, web-based, cardiac monitor (video)

7.A Portable, Automated, web-based Bird Trapping Mechanism (video)

8.Yutnori - Korean Traditional Game (video)

9.Autonomous visually steered car (video1, video2, video3) hackaday

10.Step Sequencer Drum Machine (video)

11.LED-Following K'NEX Car

12.Rock-Paper-Scissors Sensor Glove (video) hackedgadgets

13.Ear Trainer (video1, video2)

14.TI Calculator Wireless Chat (video)

15. Sonar SensCap (video1, video2, video3)

16. Keyboard synthesizer workstation (video)

17. Sonar sensor, air Levitation game (video1, video2, video3, video4) -- broken css

18. Compact Guitar Pedalboard (video1, video2)

19. Digitally Controlled Electric Guitar (video1, video2, video3)<-->

20. Pitch shifter (video1, video2)

21. Embedded Foot Pronation Detection (video)

22. Human Tracking Fan System (video1, video2)

23. Invisible band (video, youtube)

24. Sheet Music Notator (video1, video2, video3)

25. ToneMatrix Touch Sequencer (hackaday)

26. Automated grapefruit segmenter (video1, video2) youtube, hacked_gadgets

27. Motion Sensing powerpoint controller

28. Snorecorder with SD Logging

29. Heat Control system

30. Paddle-controlled helicopter (video1, video2, video3)

31. XBee RF Smart Energy Compliant Power Meter

32. Hand controller for Parrot AR Drone Quadricopter (video)

33. Wireless, gesture-controlled tank toy

1. Human Tetris -- Video object tracking (video part1, part2, part3, youtube) engadget, hackaday, avrfreaks, hackedgadgets, (1920x1080 slide)

2. Auditory navigator (video part1, part2, part3) (1920x1080 slide) Circuit Cellar Magazine Nov 2011, issue #256, pp24-29

3. USB wireless tilt mouse (video part1, part2, part3, full)

4. Automated Rock Band player (video) (1920x1080 slide)

5. Glove Midi Controller (youtube video) hackedgadgets

6.Automated Pavlovian Classical Conditioning of Mosquitos (1920x1080 slide)

7.Remote control airship (video part1, part2, part3) image

8.CMOS Camera Rock Paper Scissors Game System

9.Theremin Hero (video)

10.Scanner using phototransistor array (youtube)

11.RFID sales checkout system (video)

12.RFID based Mobile Payment System

13.Talking voltmeter (video part1, part2, part3, part4) adafruit

14.Heart rate monitor (video)

15.Gesture Based Touchpad Security system (youtube)

16.Glove control helicopter (video part1, part2, part3) early version

17.Virtual Archery (video part1, part2, part3)

18.Acoustic data modem (video)

19.Motion Adaptive Alarm Clock

20.Zigbee Wireless Relay Control and Power Monitoring System

21.Low-Cost Portable Potentiostat for Biosensing Applications

22.Point of Sale Terminal

23.FM radio receiver

24.Mister Gloves - A Wireless USB Gesture Input System (youtube) hackaday (1920x1080)

25.Accelerometer Based Hand Action Recognition

26.Home energy managment

27.Self-Adaptive Hybrid Electro-Magnetic Levitation and Active Balancing System

28.Digital Oscilloscope

29.Optical eye tracking (video) hackedgadgets

30.Guitar Blocks (video)

31.Haptic Exercise Coach (Provisional patent--Cornell Chronicle) Wired

1. ATmega644 JTAG Debugger
2. Ultrasonic Haptic Vision (MP4, MP4, MP4)
3. Haptic appointment manager (MP4 lots of wind and construction noise)
4. 3D ultrasonic mouse (MP4, MP4, MP4)
5. 3D scanner (MP4) (hackedgadgets)
6. Gesture Recognition Based on Scratch Inputs (MP4) (uelectronics,)
7. LED Sensor Keyboard (MP4 7Mb) (hackaday)
8. Touchpad/Infrared Music Synthesizer (MP4)
9. Programmable Synthesized Guitar (MP4)
10. Der Kapellmeister (MP4)
11. IR harp (MP4, MP4)
12. Digital Receipts System (hackedgadgets, zedomax, uelectronics,)
13. ODB-II Automotive data interface (hackaday,)
14. Traction control system
15. ACL Research: Foot Acceleration Sensor
16. Fart Intensity Detector (MP4) (kitecrazy, hackaday, Popular Science sept09, Dvice,)
17. Dual-Channel Mobile Surface Electromyograph (MP4)
18. Tissue Impedance Digital Biopsy
19. GPS Data Logger with Wireless Trigger (hackaday)
20. Self-Adjusting Window Shade
21. Weather Canvas (MP4)
22. Autonomous Self-parking car (MP4, MP4)
23. Holonomic Drive Vehicle with Stochastic Evolution
24. Ball Picker Robot (MP4)
25. BalanceBot (MP4)
26. Snakearm Multiple PID motor controller (with Wiimote!) (MP4)
27. Electric Etch (MP4, MP4)

28. POV display (MP4) (hackaday)
29. POV display
30. Alarm clock with speech synthesis
31. Blackout game
32. ESD Foam Touch Controlled Brick Blaster
33. NES emulator (uelectronics,)
34. Laser Audio Transmitter
35. Voice Tuner
36. Wireless music player
37. Multisensor Data Transmission
38. Heliostat (MP4)
39. Wii Conductor
40. Musical Blocks
41. Tic Tac Toe with CMOS Camera
42. Robot Plotter

1. PowerBox: smart AC outlet with metering and control
2. Rhythm Ring: Interactive Rhythm Sequencer (MP4 video) (youtube and another)
3. Trumpet MIDI Controller (MP4 video) (longer 53 Mbyte MP4 video)
4. Air Drums (MP4 video), (MOV video) (youtube)
5. Recorder Hero (MP4 video)
6. Dueling Banjos (MP4 video)
7. Intelligent wireless pedometer
8. Networked Biometric Authentication
9. Easy Input -head controlled mouse and keyboard interface (MP4 video1, video2)
10. Virtual Keyboard (Circuit Cellar Magazine
11. 3D LED display (MOV video 60 Mbyte) (MP4 video)
12. BordFree videogame (MP4 video)

13. Haptic glove (MP4 video1, video2)
14. High Speed Photography Controller
15. 3D Maze in a Box video game (MP4 video)
16. 3D Video Game Control (MP4 video)
17. Multi-Player Light Cycle on Color TV (MP4 video)
18. Gesture-driven Tetris (MP4 video)
19. Remote Chess
20. Data Acquisition System With Controller Area Network and SD Card
21. Automotive On-Board Diagnostics Reader
22. Adaptive 60 Hz Noise Cancellation
23. Neural Net Helicopter (MP4 video)
24. Accelerometer Controlled R/C Vehicle (MP4 video)
25. Robot Arm (MP4 video)
26. Help Quit Smoking Watch
27. Electronic Impact Vest (MP4 video) (hacknmod) (Gizmodo)
28. TouchSynth (MP4 video)
29. TriWheeler robot (MP4 video) (youtube)
30. Music Wand: Real-Time Optical Scanning of Sheet Music (MP4 video)
31. Teaching an old clock (GE® Model 8116k) new tricks
32. Shark Tag Microcontroller Platform
33. Ghost Writer Robot (MP4 video)
34. Rocket Inertial Navigation System (MP4 video)
35. Guitar Tuner (MP4 video) (youtube)
36. Scheme Interpreter
37. Minigolf video game (MP4 video)
38. Battlezone video game
39. Laser Simon
40. Snake Arm Glove

41. Wiimote Crane

42. Radio Beacon Finder

1. Portable, color, tilt-controlled, video game (pictures 1, 2, 3, 4) (MP4-20MB)

2. TouchPad video game (MP4-12MB)

3. Laser Pong (mpeg: Bruce and Bryan playing)
(blip.tv, gizmodo, ubergizmo, engadget)
(NEXT no. 5: MINDBLOWERS, Denmark April 2008, (picture of Adrian at show, coverage in Danish newspaper)

4. Movement to Music: A Wearable Wireless Motion Sensor system (MP4-17MB)

5. Music-controlled Puppet (MP4-21MB)

6. Line-following car (mpeg) (YouTube)

7. Audio homing robot (hackedgadgets)

8. Model retina: color tracker (mpeg)(MP4-23MB)

9. Evolving neural robot

10. MCU MIDI synthesizer

11. AirJam: wearable air guitar (pictures 1, 2) (MP4-23MB)

12. USB host controller (obsolete 476 version: USB host controller)

13. UDP/Ethernet Controlled Temperature Regulator

14. Dynamically reconfigurable MCU communication (local copy)

15. Telescope controller

16. Morse code interpreter, with speech synthesis

17. Complex impedance analyzer

18. uControl DVD macro-controller

19. SD card MP3 player

20. iPod controller

21. USB Magnetic Mouse/Touchpad

22. Polygraph (hacked-gadgets)

23. Elevator Bank
24. Pinball machine (MP4-15Mb)
25. Guitar legend maker
26. Braille reader
27. Ultrasonic parking aid
28. Retractable Alarm Clock (hackedgadgets)
29. Autonomous Blimp (hackedgadgets)
30. Automatic pet feeder
31. Programmable medication scheduler
32. CCD imager
33. CalcParser
34. Firefly synchronization
35. Graphing calculator
36. Speech recognition jukebox
37. Speech recognition chess
38. Sound Source Triangulation Game
39. Touch Screen Controlled R/C Car
40. AppleII emulator

1. HDD analog clock with LCD touchscreen
2. CUAUV Voltage Sniffer
3. CUsat diagnostic board
4. SearchBot (mpeg)
5. RoboSweeper (mpeg, another mpeg)
6. CoolerBot
7. MCU/FPGA color video Game Platform (mpeg)
8. Higher resolution color TV
9. Color TV using two MCUs
10. Musical Water Fountain (mpeg) (avi 20 Mbytes with sound)

11. Two-TV video air Hockey (mpeg)
12. Karaoke machine all schematics are missing.
13. Dual control R/C car
14. Guitar Synthesizer
15. Self-powered solar data logger (Circuit Cellar magazine, issue #198, Jan 2007, page 12 , toc)
16. Lighting control system
17. Intelligent multimedia
18. ADPCM voice recorder
19. Reflow oven controller (Circuit Cellar magazine, issue #199, Feb 2007, page 46)
20. Ultrasonic spotlight tracker
21. Galvanic skin response meter
22. RFID security system (AVR design contest 2006) (Circuit Cellar magazine, issue #199, Feb 2007, page 24)(hackedgadgets)
23. Autonomous Helicopter (mpeg) (AVR design Contest 2006) (hackedgadgets)
24. Voice recognition car
25. Speech recognition security system
26. Morse code transmit and receive
27. Secure LED
28. SwingBot (mpeg)
29. SwingBot (mpeg)
30. Barcode scanner
31. Soccermania video game
32. Capacitance sensor MIDI keyboard
33. Grillzilla wireless meat thermometer
34. Para-para-revolution video game (mpeg)
35. SnakeArm ultrasonic positioning control

36. Sign language coach (mpeg)

37. Radial ChalkBot

38. Bicycle computer

39. Handwriting Recognition System

40. GPS World

41. Video puzzle

42. Chess Robot

1. kaOS operating system and loader (Circuit Cellar Magazine, Issue #193 Aug 2006 page 56) (AVR design contest 2006)

2. Keyboard mania (mpeg 19 Mbyte)

3. Super Breakout video game (mpeg 1.9 Mbytes)

4. Jezzball video game

5. Duckhunt video game (mpeg 2.4 Mbytes)

6. The Contender video game (mpeg 4.5 Mbytes)

7. Big Red Juice Mixer (Slashdot article Monday, May 2, 2005)

8. Color Tetris video game

9. LightRover - light sensing robot

10. PPP-Palm

11. WeatherDog

12. Virtual Pool (wmv 900 Kbytes) (Circuit Cellar Magazine, Issue #184 November 2005)

13. AirMouse (Circuit Cellar Magazine, Issue #191 June 2006, article)

14. SharpShooter video game

15. Neural net robot

16. Wireless Electromyograph

17. Stepper Motor Indexer & Decoder

18. Turbidity meter

19. Human Motion Capture

20. Accelerometer Mouse

21. Wireless Telemetry (avi 6 Mbytes) (HackADay Feb 16, 2006)
22. Portable Security System
23. Blood Pressure Monitor
24. Missle Command video game
25. Super Breakout video game (some images broken)
26. Breathalyser door lock
27. Programmable IR receiver and Connect-4 game
28. MIDI drum controller
29. Vocal Tuner
30. RoboDog
31. PC temperature control
32. Dungeons of Doom video game
33. Dual control RC car
34. Solar Tracker
35. GPS/inertial guidance
36. Digger video game
37. Gauntlet of uComputation
38. CubeSat Diagnostics board
39. Digital voice recorder
40. ISREVER (Reversi) video game
41. Frequency Division Multiplexing for a Multi-Sensor Wireless Telemetry System
42. Shooting star video game
43. Electronic Dartboard
44. Kasubana electronic flower
45. Bar Inventory System
46. Voting Machine
47. EyeSnake video game

48. Digital Guitar tuner
49. Automated Juice Mixer
50. Mega32 webserver (code)
1. Digital Stethoscope (Mpeg of display)
2. Graduate from Cornell video game
3. Flat Bed Scanner
4. Non-orthogonal Plotter (mpeg)
5. Mouse Painter
6. Paint with mouse input
7. Radio Controlled outlet strip
8. Autonomous navigating robot (mpeg)
9. Nova Strike video game
10. Digital Compass
11. MiniGolf video game with putter
12. MiniGolf video game (mpeg)
13. Programmable remote control
14. Electr-O-Sketch (slashdot article) (Forbes article, follow the *Custom Gadgets You Can't Buy* link)
15. Pong^2
16. Ultrasonic Rangefinder
17. Mega32 Basic
18. Music Synthesizer with Interactive TV Display
19. Laser Morse code tutor
20. Pump It Up audio game
21. Guitar Tuner
22. Beverage Monitor (slashdot article)
23. MP3 radio
24. Smart blinds

25. Keypaw
26. Home Security System
27. Bar Code Scanner
28. Implementation of a (31, 16) BCH code on a Microcontroller
29. Ball Fight Video Game
30. Breath Alcohol Tester
31. WinAmp controller
32. WinAmp Controller
33. Eye-in-the-sky (mpeg of camera head)
34. Xylophone
35. Scorched Earth video game
36. WonderSwan Development Cartridge
37. Star Duel video game
38. Big Red Map (Mpeg of engineering quad)
39. Missle Command video game
40. 3D gForce mouse
41. Stationary Helicopter (mpeg)
42. Remote control car
43. Weather Station
44. BlindBot
45. Infrared Tracking System
1. Inverted Pendulum Balancer
2. Variable Traffic Controller
3. MazeRunner Video Game
4. 6502 Emulation on an Atmel Mega32
5. Electronic Virtual Animal
6. Arkanoid Video Game
7. Cantneroid Video Game

8. Digi-Level
9. Reversi Video Game
10. Guitar Special Effects
11. Tap the Dance
12. Graphing Calculator
13. Dartboard with Video
14. Memory Video Game
15. Treasure of the High Seas Video Game
16. PacMan Video Game
17. SpaceInvaders Video Game
18. Space Fighter Video Game
19. Frogger Video Game
20. MIDI synthesizer
21. Radio Control Car
22. Sound Effects Processor
23. Battleship Video Game
24. Wireless Keyboard
25. DuckHunter Video Game
26. MineSweeper Video Game
27. Vehicle Performance Meter
28. Digital Preamplifier
29. Tetris Video Game
30. Hockey Video Game
31. Gray-scale Graphics: Dueling Ships
32. Connect-4 Video Game
33. Laser Light Show
34. Wireless Drawing Device
35. Laser Communications System

36. TouchPad Drawing Board
37. Sheet Music Generator
38. TCP/IP
39. Multi-Zone Fire Alarm System
1. Scanning Tunneling Microscope
2. Tic-Tac-Toe on TV
3. Snake on TV
4. Hard drive AVR programmer
5. Audio Frequency Response Analyzer
6. Line following autonomous car
7. Safety-sensor vehicle
8. MP3 Player
9. MP3 Player
10. Simon
11. GPS AmeriMap
12. Home security system
13. Voice Activated Alarm Clock
14. Russianbloc on LCD
15. Pong on LCD
16. Pong on oscilloscope
17. Music Synthesizer
18. Club Light Controller
19. Blackjack2go
20. Blackjack
21. Globe
22. Accelerometer Gmouse
23. Postage meter
24. Digital Hourglass

25. Cornopoly on LCD
26. Phone Dialer
27. Laser Tag
28. Robot Cricket
29. WindCaddy
30. Hovercraft
31. Sound targeting
32. Nintendo 64 to PS/2 Mouse
33. Golf

1. Fish: Video Controller
2. PBX (Private Branch Exchange)
3. Vertical Plotter
4. X-Y Plotter
5. Fertilizer Feedrate Controller
6. Home Audio Control System
7. SuperTrain Controller
8. Digital Mirror Message Machine
9. MP3 CD SuperJukebox
10. Pre-emptive Operating System
11. Wireless Internet Pager
12. Wireless message Communicator
13. Robot Arm
14. Tilt Maze
15. Ultra-Sonic Parking Assistant
16. Cooking Coach
17. BiLines
18. gEECShip

19. Graphing Calculator
20. Web-based AVR Interface
21. Midi Sequencer
22. ECG monitoring system
23. Autonomous Tank
24. ZIP drive/Digital Camera

1. Digital Message Machine
2. Web-Monitored Thermostat
3. Analog modem
4. Robot Arm
5. Security Entrance System
6. Radio-controlled Truck
7. Temperature Datalogger
8. MP3 player
9. Pong
10. Snake 476
11. Ultimate Alarm Clock
12. Beat Tracking Strobe
13. Guitar Special effects: The Shredder
14. Drum machine and Sequencer
15. Digital Thermometer
16. Digital Oscilloscope
17. Arbitrary Waveform Generator
18. 8-Trak Sampler
19. Serial-port game board
20. Secure RSA Credit Card Transaction System
21. Mini Area Network
22. Autonomous Robotic Cricket

23. Zen Touchpad

1. Porche 911 Radio Controlled Car
2. Autonomous Vehicle
3. Spectrum Analyser
4. Real-Time Guitar Tuner
5. Whack-a-Cap
6. CU Organizer
7. Malay Language Learning kit
8. Fixed point scientific calculator
9. Etch-a-Sketch
10. Real-time debugger
11. VT100 Pong
12. Home Security System
13. Infrared Universal Remote Control
14. Car Alarm System
15. Hangman
16. Simon
17. Simon
18. Answering Machine
19. Thermostat
20. BlackJack
21. Blackjack
22. Lego Vehicle
23. RC car controller
24. Sinewave Synthesizer
25. Temperature and Pressure Control
26. Video Frame Buffer