

Write 10 different applications of microcontrollers of your own choice and explain which microcontroller architecture will be used and why?

1-Toys

2- Cameras

3- Robots

4-Washing Machine

5-printer

ECG Machine, .

6-Cell Phones

,7- Telephone Sets8- Fax, 9-Printers etc.

10-Mp3 Player

Microcontroller architecture in printer

Microcontrollers are achieve the high-speed, precise motor control the printer's engine requires. The controller supports Ethernet, USB and memory card interfaces for external control, and CAN for internal control. And Cypress's Standby Reponse Proxy LSI achieves low power consumption.

f you were asked to build a robotics arm, then which microcontroller you will use and why?

ATMEGA328p Micro-controller using Arduino programming. This process works on the principle of interfacing servos and potentiometers