

ASIC

LOWEST COST (HIGH VOLUME)
HIGHEST SPEED
LOWEST POWER
SINGLE PURPOSE, INFLEXIBLE

FPGA

EXPENSIVE
FAST, MULTI-TASKING
MODERATE POWER
LOW-RISK DEVELOPMENT

MICRO- CONTROLLER

LOW COST (HIGH VOLUME)
SOFTWARE, OS
MODERATE POWER
GENERAL PURPOSE COMPUTE
VIRTUAL MULTI-TASKING
SLOWEST FOR SPECIFIC TASK