Date..... Subject. unit6 _ Lesso n 1 Mcu Fundamentals O1: definations 1) micro-Processor: it's an IC which can perform arithmetic and logical operations. it only consist of a cfu Control Rigisters Memory أندلسية

micro-controller; it's an 10 which consists of a cpu and other components like RAM, Rom and other 1/0 ports 3) Embedded system! It's a special purpose Computer system designed to perform one or New dedicated tooks. mechatronic system! it's a system composed of mechanical parts + electrical parts + software (electronics) melhatronic system = mech + elect + electro n-bit processor Has an N Lines.

Date... Subject. DZ Comparison micro-controller micro-processor micro-Controller Micro - Processor it only consist of RAM A-1-4 Rom congrupt Registers Paeripheriod 0 Harvard arch lon-Neuman different buses Bus J[Bus inst. أندلسية

types of Rom: Masked Rom PRom EPROM it can be programmed it can be programme only once many fires. 1's contents are only 16-manufacturer Cheaper SRAM Bit line performance Price complexity needs to be recarjed When the power is lost The data will be lost.

Date.... Subject. why Rom is Read only although i Cost per bit Volatile writable Byte BYte very low II PROM EROM limites bYTR Flashbbck_ NURam Byte