COUNTER DIGITAL SYSTEM USING MICRO CONTROLLER (MCS) -8031

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Keywords: Counter Digital

Abstract:
Microcontroller-8031 is a minimum system that can combine the input and output a digital signal that can be used for the control of an application tool, primarily located in industrial. By using an 8031 microcontroller-system device can be controlled simultaneously / together as well as reliable, because the microcontroller-8031 has a privilege in terms of hardware.
With its features, the microcontroller-8031 can be very useful for the development of technology, especially in digital control systems are very efficient and effective. Microcontroller system is a control center of the overall work system.
Microcontroller for digital circuits are used as a store counter or control commands from the calculations that will be shown at 7-segment display.
Among the advantages to use microcontroller-8031 in this series is due to the presence of all devices are required, so no longer need a computer and interface, so no longer need a computer and an interface so that the circuit becomes more economical and efficient. whereas in data processing within the system microcontroller, 8031 assembly language is used.