

Product Name : Embedded Trainer for Motorola 68HC11 for Vocational Training and Didactic Labs	Product Code : NPLT-EC040
Description : Equipment for Education, Engineering and Vocational Training - Embedded Trainer has been designed by using Motorola 68HC11 PLCC Microcontroller. This controller provides in-system as well as in circuit programming so that one may be able to write program and download directly in the controller through serial port without removing it from the system. - CPU: Motorola 68HC11 Microcontroller - Stepper Motor Controller Interface - 16x2 LCD module- - ix Seven Segment Displays - 8x8 LED Matrix Display- EWSN Status LED's 12 Nos. - ADC/DAC Interface- Four Data Switches - Switch Array- At24C16 Serial EEPROM Peripheral Features: - M68HC11 CPU - Power-saving stop and wait modes - 0, 256, 512, or 768 bytes of on-chip RAM, data retained during standby - 0, 12, or 20 Kbytes of on-chip ROM or EPROM - 0, 512, or 2048 bytes of on-chip EEPROM with block protect for security - 2048 bytes of EEPROM with selectable base address in the MC68HC811E2 - Asynchronous non-return-to-zero (NRZ) serial communications interface (SCI) - Additional baud rates available on MC68HC(7)11E20 - Synchronous serial peripheral interface (SPI) - 8-channel, 8-bit analog-to-digital (A/D) converter - 16-bit timer system: - Three input capture (IC) channels - Four output compare (OC) channels - One additional channel, selectable as fourth IC or fifth OC - 8-bit pulse accumulator - Real-time interrupt circuit - Computer operating properly (COP) watchdog system - 38 general-purpose input/output (I/O) pins: - 16 bidirectional I/O pins - 11 input-only pins - 11 output-only pins	

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