

Product Name : Embedded Trainer for Microchip PIC 16F84 for Vocational Training and Didactic Labs	Product Code : NPLT-EC041
Description : Equipment for Education, Engineering and Vocational Training - Embedded Trainer has been designed by using Microchip PIC16F84 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: Microchip PIC16F84 Microcontroller 16x2 LCD module ? Six Seven Segment Displays 8x8 LED Matrix Display ? EWSN Status LED's 12 Nos. ADC/DAC Interface ? Four Data Switches Switch Array ? At24C16 Serial EEPROM Stepper Motor Controller Interface Only 35 single word instructions to learn All instructions single cycle except for program branches which are two-cycle Operating speed: DC - 20 MHz clock input , DC - 200 ns instruction cycle 1024 words of program memory 68 bytes of data RAM ? 64 bytes of data EEPROM 8-bit wide data bytes ? 14-bit wide instruction words 15 special function hardware registers Eight-level deep hardware stack Direct, indirect and relative addressing modes Four interrupt sources: External RB0/INT pin TMR0 timer overflow PORTB interrupt on change Data EEPROM write complete 13 I/O pins with individual direction control High current sink/source for direct LED drive 25 mA sink max. per pin 25 mA source max. per pin TMR0: 8-bit timer/counter with 8-bit programmable prescaler	

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773