



COLLEGE OF ENGINEERING KIDANGOOR
(Under Co-operative Academy of Professional Education, Govt. of Kerala)
Kidangoor South P. O., Kottayam - 686 583, Tel: 04822-256056, 257656
Fax: 04822-255056 Email: cekcape@gmail.com www.ce-kgr.org

No: CED/D/1508/2019

25/09/2019

QUOTATION NOTICE

Competitive quotations are invited from qualified firm for the Purchase of Five number of Microcontrollers for Microprocessor lab in Computer Science Dept. at College of Engineering Kidangoor. Specification is attached herewith.

The last date and time for receiving quotations : 03/10/19 , 12.00 Noon
Date and time for opening quotations : 03/10/19 , 01.00 PM

For details contact : www.ce-kgr.org

The rates of Govt. Quotations are applicable for this quotations also . The decision taken in the matter by the undersigned will be final.

PRINCIPAL

25/9

2. 8051 MICROCONTROLLER TRAINER KIT [MICRO-51 LC (LCD)] (5)

a. PROCESSOR:

- * 8051 / 89C51/89x51 Microcontroller, 12MHz Clock speed

MEMORY:

- * Program Memory RAM - 32KB
- * Data Memory RAM - 32KB
- * Program Memory EPROM - 32KB

PERIPHERALS

USB KEYBOARD AND DISPLAY

- * 16x2 LCD Display
- * 105 Keys PC keyboard is provided and also reset and interrupt keys are provided (RRE Key) USB BASED

PARALLEL I/O BUS EXPANSION

- * One no. of 8255 connections are terminated in one 26-pin FRC header (24 I/O lines)
- * One VXT-Bus (50 pin FRC connector) for interfacing VBMB series of experiment board and bus expansion
- * Microcontroller port lines are terminated with one 40-pin FRC header

DIGITAL I/O

- * On board 8-digital inputs can be given through 8-Way dip switch
- * On board 8-digit outputs can be visible through SMD LEDs
- * The port lines P1 used as input (switch) or output LED (selectable hardware)

SPECIAL FEATURES:

- * Software single stepping of user programming by instruction for software debugging (at same time user interrupt is not access)
- * Housed in a sleek plastic cabinet.

SERIAL PORT:

On chip RS232 Compatible Serial Interface terminated in a 9 Pin 'D' Male Connector/USB to serial converter

BUILT-IN POWER SUPPLY (MULTI OUTPUT) :

* Input : 230V AC

* Output: +5V/3A, +12V/0.5A

BATTERY BACKUP:

* 1 No. of 3V lithium battery

DOCUMENTATION SUPPORT: Manual – Hard Copy

PRINCIPAL