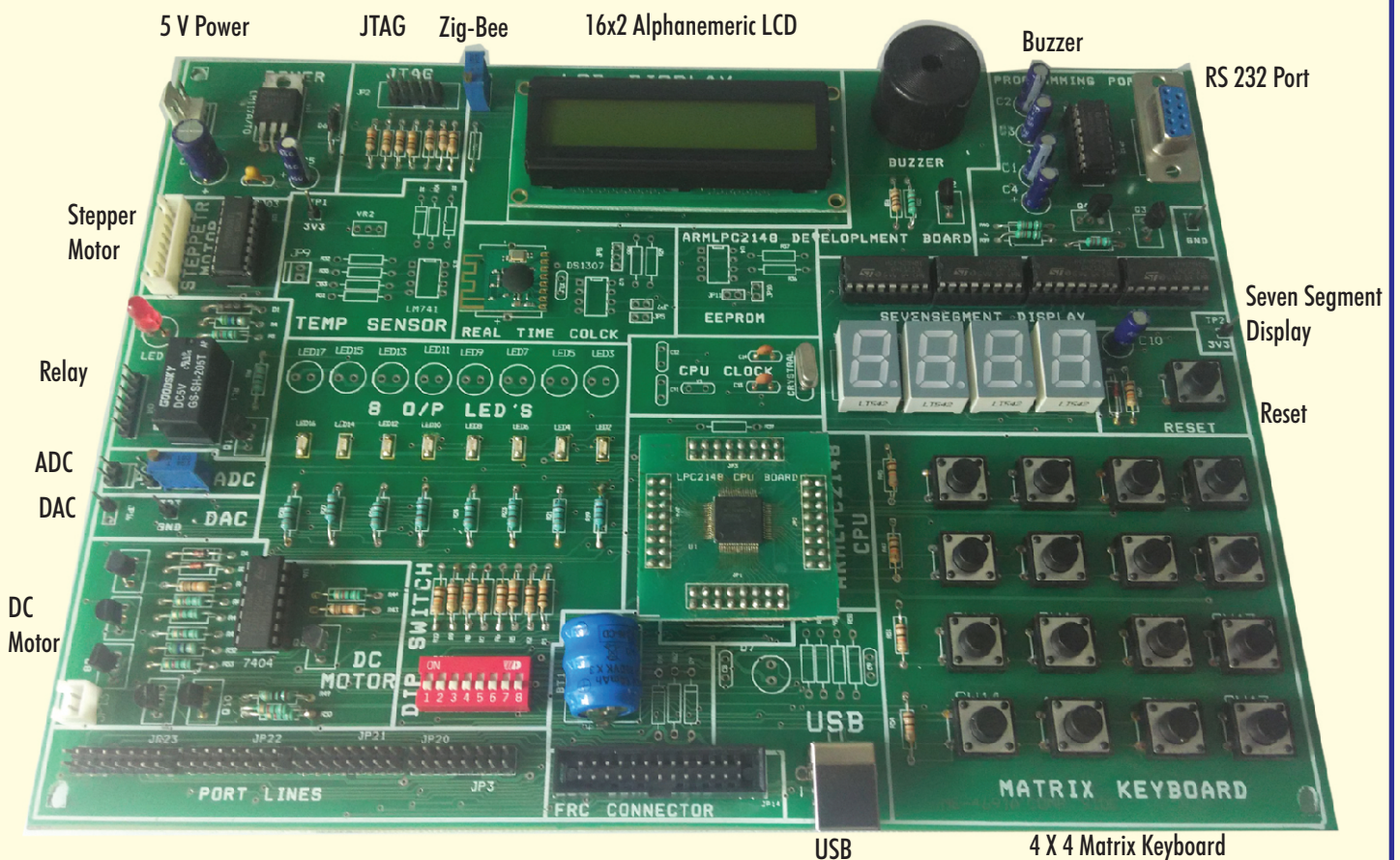


# MME - EAT 2148

## EMBEDDED ARM TRAINER WITH ZIGBEE



ARM Trainer from Minmax Electronics is based on the popular Philips / NXP ARM-7 Microcontroller LPC 2148. This 32 bit Microcontroller has 512 K Bytes of flash memory, 32 K bytes of RAM. It is working with 12 MHz crystal. All the portlines, USB, ADC, DAC, SPI, I2C and JTAG are terminated in connector points for external interface. The ARM Processor is programmed through VARI / channel from the PC. Sample 'C' programmes are provided to display a message on LCD, scan a matrix key board and display Keycode, read the analog value of trimpot connected to A to D converter and display the value, generate difference waveforms through onchip DAC displaying some message on the 7 Seg. LED display etc.,



### FEATURES :

- CPU : ARM-7 C programmable thru JTAG/RS 232
- DISPLAY : 16 x 2 LCD and 7 Seg. Display
- ZIGBEE : CC2500 Zigbee Module
- KEYBOARD : 4 X 4 Matrix Keyboard
- ON BOARD : Stepper Motor, DC Motor, DIP Relay, RTC, EEPROM, JTAG,
- INTERFACES : 8 discrete LED, 8 toggle switches, ADC, DAC and Temperature Sensor.

**Advanced ...  
Yet easy to use  
Systems**

## MINMAX ELECTRONICS

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