



60 Hours ARM Learning

ARM Programming on Blueboard-LPC214x, LPC1114, LPC1343

ARM Introduction	RTC Programming (Normal, Alarm Mode)
LPC2148 Block Diagram, Pin Description	2 Line Character LCD Programming
BlueBoard LPC214x Schematic Reading	I2C Programming (EEPROM Interfacing)
GPIO Programming (Led, Buzzer, Switches Practicals)	SPI Programming (Nokia LCD Interfacing, SPI Ethernet Module Interfacing)
Interrupt Programming (FIQ, IRQ, Vectored Interrupt, Non-Vectored Interrupts)	ADC Programming (Interfacing Sensor to input of ADC and Application programming)
UART programming (Polling Mode, Interrupt Mode) Practical Command Line Interface using Serial communication. Implementation of debug function / printf function.	ARM Cortex Programming using Industry Standard prototype board LPCXpresso.
Timers & Counter (Match Mode, Capture Mode, Timer Interrupts, Delays)	GSM, GPS, Bluetooth, Zigbee
PWM Programming (Motor driving program)	RFID, Smart Card, Ethernet Module
Projects: 2	[Duration: 5weekends, Fees: Rs. 6,840.00]

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