

LPC1768		Special Function	Function Name	PIN #	
			0V	GND	1
			4.5 to 9V in	VIN	2
			Battery bkup	VB	3
				nR	4
P0[9]/I2STX_SDA/MOSI1/MAT2[3]		SPI	mosi	p5	5
P0[8]/I2STX_WS/MISO1/MAT2[2]		SPI	miso	p6	6
P0[7]/I2STX_CLK/SCK1/MAT2[1]		SPI	sck	p7	7
P0[6]/I2SRX_SDA/SSEL1/MAT2[0]				p8	8
P0[0]/RD1/TXD3/SDA1	UART	I2C	tx/sda	p9	9
P0[1]/TD1/RXD3/SCL1		I2C	rx/scl	p10	10
P0[18]/DCD1/MOSI0/MOSI		SPI	mosi	p11	11
P0[17]/CTS1/MISO0/MISO		SPI	miso	p12	12
P0[15]/TXD1/SCK0/SCK	UART		tx/sck	p13	13
P0[16]/RXD1/SSEL0/SSEL			rx	p14	14
P0[23]/AD0[0]/I2SRX_CLK/CAP3[0]		Analog In		p15	15
P0[24]/AD0[1]/I2SRX_WS/CAP3[1]		Analog In		p16	16
P0[25]/AD0[2]/I2SRX_SDA /TXD3		Analog In		p17	17
P0[26]/AD0[3]/AOUT/RXD3		Analog In	Analog out	p18	18
P1[30]/VBUS/AD0[4]				p19	19
P1[31]/SCK1/AD0[5]				p20	20
P2[5]/PWM1[6]/DTR1/TRACEDATA[0]		Analog In		p21	21
P2[4]/PWM1[5]/DSR1/TRACEDATA[1]		Analog In		p22	22
P2[3]/PWM1[4]/DCD1/TRACEDATA[2]		Analog In		p23	23
P2[2]/PWM1[3]/CTS1/TRACEDATA[3]		Analog In		p24	24
P2[1]/PWM1[2]/RXD1		Analog In		p25	25
P2[0]/PWM1[1]/TXD1		Analog In		p26	26
P0[11]/RXD2/SCL2/MAT3[1]	UART	I2C	tx/sda	p27	27
P0[10]/TXD2/SDA2/MAT3[0]		I2C	rx/scl	p28	28
P0[5]/I2SRX_WS/TD2/CAP2[1]		CAN	td	p29	29
P0[4]/I2SRX_CLK/RD2/CAP2[0]		CAN	rd	p30	30
P0[30]/USB_D-		USB		D+	31
P0[29]/USB_D+		USB		D-	32
		Ethernet		TD+	33
		Ethernet		TD-	34
		Ethernet		RD+	35
		Ethernet		RD-	36
				IF+	37
				IF-	38
			5V USB out	VU	39
			3.3V Out	VOUT	40

P1[18]		mbed on board LED's	LED1	N.C.
P1[20]			LED2	N.C.
P1[21]			LED3	N.C.
P1[23]			LED4	N.C.

Kenji Arai  
JH1PJL

2010/4/3

	3V Coin Battery for RTC backu
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2	DO	SD-CARD
6	DI	
7	CLK	
1	CS	

X	G-Sensor
Y	
Z	

Vref	Analog Input
Temperature	

RS	Character LCD
DB7	
DB6	
DB5	
DB4	
E	
RW	

		USB
2		LAN
1		
3		
6		