

LPC1114	LPC1343	LPCXpresso connector	LPC1343	LPC1114
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout (+3.3V)
Vin (4.5-5.5V)	Vin (4.5 – 5.5v)	J6-2	not used	not used
not used	not used	J6-3	not used	not used
P0.0 Reset	P0.0 Reset	J6-4	not used	not used
P0.9 MOSI/SWO	P0.9 MOSI/SWO	J6-5	not used	not used
P0.8 MISO	P0.8 MISO	J6-6	not used	not used
P2.11 SCK	P2.11 SCK	J6-7	not used	not used
P0.2 SSEL	P0.2 SSEL	J6-8	not used	not used
P1.7 TxD	P1.7 TxD	J6-9	USB-DM	P2.4 "USB-DM"
P1.6 RxD	P1.6 RxD	J6-10	USB-DP	P2.5 "USB-DP"
P0.7	P0.7	J6-11	P0.1	P0.1 "FT/GPIO"
P2.0	P2.0	J6-12	P0.3	P0.3 "USB-VBUS"
P2.1	P2.1	J6-13	P0.5 I2C-SDA	P0.5 I2C-SDA
P2.2	P2.2	J6-14	P0.4 I2C-SCL	P0.4 I2C-SCL
P0.11 AD0	P0.11 AD0	J6-15	P1.9	P1.9
P1.0 AD1	P1.0 AD1	J6-16	P1.10	P1.10
P1.1 AD2	P1.1 AD2	J6-17	P1.11	P1.11
P1.2 AD3	P1.2 AD3	J6-18	P2.3	P2.3
P1.3 AD4/SWDIO	P1.3 AD4/SWDIO	J6-19	P2.4	P3.4 "P2.4"
P1.4 AD5	P1.4 AD5	J6-20	P2.5	P3.5 "P2.5"
P1.5	P1.5	J6-21	P2.6	P2.6
P1.8	P1.8	J6-22	P2.7	P2.7
P0.6	P0.6	J6-23	P2.8	P2.8
P0.10 SWCLK	P0.10 SWCLK	J6-24	P2.9	P2.9
P3.0	P3.0	J6-25	P2.10	P2.10
P3.1	P3.1	J6-26	P3.3	P3.3
P3.2	P3.2	J6-27	Gnd	Gnd

LPC11C24	LPC1343	LPCXpresso connector	LPC1343	LPC11C24
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout +3.3V
Vin (4.5-5.5V)	Vin (4.5 – 5.5v)	J6-2	not used	not used
Vbat	not used	J6-3	not used	not used
P0.0 Reset	P0.0 Reset	J6-4	not used	not used
P0.9 MOSI/SWO	P0.9 MOSI/SWO	J6-5	not used	not used
P0.8 MISO	P0.8 MISO	J6-6	not used	not used
P2.11 SCK0	P2.11 SCK	J6-7	not used	not used
P0.2 SSEL0	P0.2 SSEL	J6-8	not used	not used
P1.7 TxD	P1.7 TxD	J6-9	USB-DM	not used
P1.6 RxD	P1.6 RxD	J6-10	USB-DP	not used
P0.7	P0.7	J6-11	P0.1	P0.1
P2.0	P2.0	J6-12	P0.3	P0.3
P2.1	P2.1	J6-13	P0.5 I2C-SDA	P0.5
P2.2	P2.2	J6-14	P0.4 I2C-SCL	P0.4
P0.11 AD0	P0.11 AD0	J6-15	P1.9	P3.3
P1.0 AD1	P1.0 AD1	J6-16	P1.10	P1.10
P1.1 AD2	P1.1 AD2	J6-17	P1.11	P1.11
P1.2 AD3	P1.2 AD3	J6-18	P2.3	P2.3
P1.3 AD4/SWDIO	P1.3 AD4/SWDIO	J6-19	P2.4	P2.6
P1.4 AD5	P1.4 AD5	J6-20	P2.5	not used
P1.5	P1.5	J6-21	P2.6	not used
P1.8	P1.8	J6-22	P2.7	P2.7
P0.6	P0.6	J6-23	P2.8	P2.8
P0.10 SWCLK	P0.10 SWCLK	J6-24	P2.9	not used
P3.0	P3.0	J6-25	P2.10	P2.10
P3.1	P3.1	J6-26	P3.3	not used
P3.2	P3.2	J6-27	Gnd	Gnd

LPC11U14	LPC1343	LPCXpresso connector	LPC1343	LPC11U14
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout +3.3V
Vin (4.5-5.5V)	Vin (4.5 – 5.5v)	J6-2	not used	not used
Vbat	not used	J6-3	not used	not used
P0.0 Reset	P0.0 Reset	J6-4	not used	not used
P0.9 MOSI/SWO	P0.9 MOSI/SWO	J6-5	not used	not used
P0.8 MISO	P0.8 MISO	J6-6	not used	not used
P1.29 SCK0	P2.11 SCK	J6-7	not used	not used
P0.2 SSEL0	P0.2 SSEL	J6-8	not used	not used
P0.19 TxD	P1.7 TxD	J6-9	USB-DM	USB-DM
P0.18 RxD	P1.6 RxD	J6-10	USB-DP	USB-DP
P0.7	P0.7	J6-11	P0.1	P0.1
P1.19	P2.0	J6-12	P0.3	P0.3 USB-VBUS
P1.20	P2.1	J6-13	P0.5 I2C-SDA	P0.5 I2C-SDA
P1.21	P2.2	J6-14	P0.4 I2C-SCL	P0.4 I2C-SCL
P0.11 AD0	P0.11 AD0	J6-15	P1.9	P0.21 MAT=PWM
P0.12 AD1	P1.0 AD1	J6-16	P1.10	P0.22 MAT=PWM
P0.13 AD2	P1.1 AD2	J6-17	P1.11	P0.23
P0.14 AD3	P1.2 AD3	J6-18	P2.3	P1.22
P0.15 AD4/SWDIO	P1.3 AD4/SWDIO	J6-19	P2.4	P1.23
P0.16 AD5	P1.4 AD5	J6-20	P2.5	P1.24
P0.17	P1.5	J6-21	P2.6	P1.25
P0.20	P1.8	J6-22	P2.7	P1.26
P0.6 USB_CONN	P0.6	J6-23	P2.8	P1.27
P0.10 SWCLK	P0.10 SWCLK	J6-24	P2.9	P1.28
P1.13	P3.0	J6-25	P2.10	P1.31
P1.14	P3.1	J6-26	P3.3	P1.16
P1.15	P3.2	J6-27	Gnd	Gnd

LPC1227	LPC1343	LPCXpresso connector	LPC1343	LPC1227
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout +3.3V
Vin (4.5-5.5V)	Vin (4.5 – 5.5v)	J6-2	not used	not used
Vbat	not used	J6-3	not used	not used
P0.13 Reset	P0.0 Reset	J6-4	not used	not used
P0.17 MOSI/SWO	P0.9 MOSI/SWO	J6-5	not used	not used
P0.16 MISO	P0.8 MISO	J6-6	not used	not used
P0.14 SCK	P2.11 SCK	J6-7	not used	not used
P0.15 SSEL	P0.2 SSEL	J6-8	not used	not used
P0.2 TxD	P1.7 TxD	J6-9	USB-DM	USB-DM
P0.1 RxD	P1.6 RxD	J6-10	USB-DP	USB-DP
P0.7	P0.7	J6-11	P0.1	P0.12
P0.3	P2.0	J6-12	P0.3	P0.4
P0.9 TxD1	P2.1	J6-13	P0.5 I2C-SDA	P0.11 I2C-SDA
P0.8 RxD1	P2.2	J6-14	P0.4 I2C-SCL	P0.10 I2C-SCL
P0.30 AD0	P0.11 AD0	J6-15	P1.9	P2.0 CT16B0_MAT0
P0.31 AD1	P1.0 AD1	J6-16	P1.10	P2.4 CT32B0_MAT0
P1.0 AD2	P1.1 AD2	J6-17	P1.11	P2.5 CT32B0_MAT1
P1.5 AD7/CT16B1_MAT0	P1.2 AD3	J6-18	P2.3	P0.6 CT32B1_MAT0
P1.2 AD4/SWDIO	P1.3 AD4/SWDIO	J6-19	P2.4	P0.21 CT32B0_MAT3
P1.3 AD5	P1.4 AD5	J6-20	P2.5	P0.24 CT32B1_MAT1
P0.0	P1.5	J6-21	P2.6	P0.23
P0.19	P1.8	J6-22	P2.7	P0.22
P0.20	P0.6	J6-23	P2.8	P0.25
P0.18 SWCLK	P0.10 SWCLK	J6-24	P2.9	P0.26
P0.28	P3.0	J6-25	P2.10	P0.27
P0.29	P3.1	J6-26	P3.3	not used
P1.6	P3.2	J6-27	Gnd	Gnd

LPC1769	LPC1343	LPCXpresso connector	LPC1343	LPC1769
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout +3.3V
Vin (4.5-5.5V)	Vin (4.5 – 5.5v)	J6-2	not used	not used
Vbat	not used	J6-3	not used	not used
Reset	P0.0 Reset	J6-4	not used	not used
P0.9 MOSI1	P0.9 MOSI/SWO	J6-5	not used	RD-
P0.8 MISO1	P0.8 MISO	J6-6	not used	RD+
P0.7 SCK1	P2.11 SCK	J6-7	not used	TD-
P0.6 SSEL1	P0.2 SSEL	J6-8	not used	TD+
P0.0 TxD3/SDA1	P1.7 TxD	J6-9	USB-DM	USB-D-
P0.1 RxD3/SCL1	P1.6 RxD	J6-10	USB-DP	USB-D+
P0.18 MOSIO	P0.7	J6-11	P0.1	P0.4 CAN_Rx2
P0.17 MISO0	P2.0	J6-12	P0.3	P0.5 CAN_Tx2
P0.15 TxD1/SCK0	P2.1	J6-13	P0.5 I2C-SDA	P0.10 TxD2/SDA2
P0.16 RxD1/SSEL0	P2.2	J6-14	P0.4 I2C-SCL	P0.11 RxD2/SCL2
P0.23 AD0.0	P0.11 AD0	J6-15	P1.9	P2.0 PWM1.1
P0.24 AD0.1	P1.0 AD1	J6-16	P1.10	P2.1 PWM1.2
P0.25 AD0.2	P1.1 AD2	J6-17	P1.11	P2.2 PWM1.3
P0.26 AD0.3/Aout	P1.2 AD3	J6-18	P2.3	P2.3 PWM1.4
P1.30 AD0.4	P1.3 AD4/SWDIO	J6-19	P2.4	P2.4 PWM1.5
P1.31 AD0.5	P1.4 AD5	J6-20	P2.5	P2.5 PWM1.6
P0.23	P1.5	J6-21	P2.6	P2.6
P0.3	P1.8	J6-22	P2.7	P2.7
P0.21	P0.6	J6-23	P2.8	P2.8
P0.22	P0.10 SWCLK	J6-24	P2.9	P2.10
P0.27	P3.0	J6-25	P2.10	P2.11
P0.28	P3.1	J6-26	P3.3	P2.12
P2.13	P3.2	J6-27	Gnd	Gnd

<b>mbed</b>	<b>LPC1343</b>	<b>LPCXpresso connector</b>	<b>LPC1343</b>	<b>mbed</b>
Gnd	Gnd	J6-1	Vout (+3.3V)	Vout (+3.3V)
Vin (4.5 – 14v)	Vin (4.5 – 5.5v)	J6-2	not used	VU (5.0V USB out)
Vbat	not used	J6-3	not used	IF+
nR (reset)	P0.0 Reset	J6-4	not used	IF-
SPI1-MOSI	P0.9 MOSI/SWO	J6-5	not used	RD- (Ethernet)
SPI1-MISO	P0.8 MISO	J6-6	not used	RD+ (Ethernet)
SPI1-SCK	P2.11 SCK	J6-7	not used	TD- (Ethernet)
GPIO	P0.2 SSEL	J6-8	not used	TD+ (Ethernet)
UART1-TX / I2C1-SDA	P1.7 TxD	J6-9	USB-DM	D- (USB)
UART1-RX / I2C1-SCL	P1.6 RxD	J6-10	USB-DP	D+ (USB)
SPI2-MOSI	P0.7	J6-11	P0.1	CAN-RD
SPI2-MISO	P2.0	J6-12	P0.3	CAN-TD
SPI2-SCL / UART2-TX	P2.1	J6-13	P0.5 I2C-SDA	UART3-TX / I2C2-SDA
UART2-RX	P2.2	J6-14	P0.4 I2C-SCL	UART3-RX / I2C2-SCL
AIN0	P0.11 AD0	J6-15	P1.9	PWMOUT0
AIN1	P1.0 AD1	J6-16	P1.10	PWMOUT1
AIN2	P1.1 AD2	J6-17	P1.11	PWMOUT2
AIN3 / AOUT	P1.2 AD3	J6-18	P2.3	PWMOUT3
AIN4	P1.3 AD4/SWDIO	J6-19	P2.4	PWMOUT4
AIN5	P1.4 AD5	J6-20	P2.5	PWMOUT5
	P1.5	J6-21	P2.6	
	P1.8	J6-22	P2.7	
	P0.6	J6-23	P2.8	
	P0.10 SWCLK	J6-24	P2.9	
	P3.0	J6-25	P2.10	
	P3.1	J6-26	P3.3	
	P3.2	J6-27	Gnd	