

CPU  
ARM926EJ-S  
400MHz

Memory  
DDR2  
64MBytes

Flash memory  
NAND  
256MBytes

Ethernet PHY  
100/10M

uSD  
(Bootable MCI0)

Power system

External  
IO Interfaces:  
2 x USB  
Ethernet RX/TX  
SD/MMC (MCI1)  
LCD  
TSADC  
ISI  
AC97  
4 x UART  
2 x SPI  
I2C  
EBI1 8 bit databus + 2 bit address + CS + DE + WE

X1			
GND	1	PD12	2
LCD_G2	3	PE17	PE14
LCD_B2	5	PE25	PE27
LCD_B6	7	PE29	PE26
LCD_B7	9	PE30	PE28
LCD_G7	11	PE22	PE21
LCD_G5	13	PE20	PE23
LCD_G4	15	PE19	PE15
LCD_G6	17	PE16	PE7
LCD_G3	19	PE18	PE24
LCD_R6	21	PE13	PE12
LCD_R3	23	PE10	PE9
LCD_R2	25	PE6	PE5
LCD_DE	27	PE8	PE3
LCD_R4	29	PE11	PE4
CPU_PC10	31	PC10	PD25
CPU_PC1	33	PC11	PC7
CPU_PC0	35	PC0	PC2
TS3	37	PD22	PD23
TS1	39	PD20	PD21
			40
			TS2

X3			
GND	1		2
UART2_TX	3	PB6	PB12
UART0_RX	5	PB18	PB13
UART0_TX	7	PB19	PD6
AC97_BCLK	9	PD9	PD8
AC97_SCLK	11	PD7	PB23
ISL_D5	13	PB25	PB24
ISL_D4	15	PB21	PB29
ISL_D10	17	PB28	RESET
BATTERY	19		WKUP
SHDN	21	SHDN	EBI1_NWE
EBI1_NRD	23	EBI1_NRD	EBI1_NCS0
EBI1_A14	25	EBI1_A14	EBI1_A15
EBI1_D0	27	EBI1_D1	EBI1_D0
EBI1_D3	29	EBI1_D3	EBI1_D2
EBI1_D5	31	EBI1_D5	EBI1_D4
EBI1_D7	33	EBI1_D7	EBI1_D6
CPU_PC17	35	PC17	PC12
CPU_PC25	37	PC25	PC20
CPU_PC27	39	PC27	PC28
			40
			3.3V
			DRXD
			DTXD
			AC97_SDI
			AC97_SYNC
			ISL_D3
			ISL_D4
			ISL_VS
			RESET
			WKUP
			EBI1_NWE
			EBI1_NCS0
			EBI1_A15
			EBI1_D0
			EBI1_D2
			EBI1_D4
			EBI1_D6
			CPU_PC12
			CPU_PC20
			CPU_PC28

X4			
GND	1	PA20	2
TWC	3	PA21	LED0
P_L2	5	LED1	RX-
ERXP	7	RX+	PB0
ETP	9	CT	PB1
SPI0_NCS	11	PB3	PB16
SPI0_SPCK	13	PB2	TX-
ETXM	15	TX+	PB14
UART1_RX	17	PB5	PB7
SPI1_MOSI	19	PB15	PB17
CPU_PD3	21	PD3	PB9
ISL_H5	23	PB30	PB28
ISL_D6	25	PB26	PB20
ISL_D7	27	PB27	PB31
ISL_D2	29	PB22	USB1-
USB_HM	31	USB1-	USB0-
USB_HP	33	USB0+	PA22
C1_D	35	PA24	PA23
C1_D3	37	PA26	PA25
C1_CLK	39	PA31	PB4
			40
			TWD
			P_L1
			ERXM
			SPI0_MISO
			SPI0_MOSI
			SPI1_SPCK
			ETXM
			SPI1_MISO
			UART2_RX
			SPI1_NCS
			ISL_D9
			CPU_PB28
			ISL_D0
			ISL_MCK
			ISL_MCK
			USB_H1P
			USB_HM
			C1_CMD
			C1_D0
			C1_D2
			UART1_TX