

Разъем XS1				Номер контакта на i.MX287
Контакт №	Имя сигнала	Описание		
1	GPMI_D07	GPMI Signal		T6
2	NAND_WP0	Write protect for NAND0		
3	GPMI_D06	GPMI Signal		U6
4	GPMI_D05	GPMI Signal		R7
5	GPMI_D04	GPMI Signal		T7
6	GPMI_RD	GPMI Signal		R6
7	GPMI_CLE	GPMI Signal		P7
8	GPMI_ALE	GPMI Signal		P6
9	GPMI_D03	GPMI Signal		U7
10	GPMI_WR	GPMI Signal		P8
11	GPMI_D02	GPMI Signal		R8
12	GPMI_D01	GPMI Signal		T8
13	NAND_WP1	Write protect for NAND1		
14	GPMI_D00	GPMI Signal		U8
15	AUART1_CTS	Application UART1 CTS Flow Control		K5
16	AUART1_RTS	Application UART1 RTS Flow Control		J5
17	AUART1_RX	Application UART1 RX		L4
18	AUART1_TX	Application UART1 TX		K4
19	AUART3_RX	Application UART3 RX		M5
20	AUART3_TX	Application UART3 TX		L5
21	AUART3_CTS	Application UART3 CTS Flow Control		L6
22	AUART3_RTS	Application UART3 RTS Flow Control		K6
23	GPMI_RDY2	GPMI Signal		M8
24	GND			
25	GPMI_CE2	GPMI Signal		M7
26	GPMI_CE3	GPMI Signal		M9
27	GPMI_RDY3	GPMI Signal		L8
28	GPMI_WP	GPMI Signal		L9
29	AUART4_RTS	Application UART4 RTS Flow Control		G6
30	GND			
31	AUART4_RX	Application UART4 RX		F7
32	AUART4_CTS	Application UART4 CTS Flow Control		G7
33	JTAG_RTCK	JTAG Signal		E14
34	AUART4_TX	Application UART4 TX		E7
35	JTAG_TRST	JTAG Signal		D14
36	JTAG_TDO	JTAG Signal		E13
37	JTAG_TMS	JTAG Signal		D12
38	JTAG_TDI	JTAG Signal		E12
39	USB0DP	USB0 Positive Data Line		B10
40	JTAG_TCK	JTAG Signal		E11
41	USB0DM	USB0 Negative Data Line		A10
42	GND			C12
43	VDDXTAL	Crystal Power Filter Capacitor		
44	RTC_VDD	Do not use		
45	USB1DM	USB1 Positive Data Line		B8
46	GND			
47	USB1DP	USB1 Negative Data Line		A8
48	GND			
49	LRADC6	Low-Resolution ADC		C14
50	LRADC5	Low-Resolution ADC		D15
51	HSADC0	Low-Resolution ADC		B14
52	LRADC0	Low-Resolution ADC		C15
53	LRADC4	Low-Resolution ADC		D13
54	RESETN	Chip-wide Reset In		A14
55	SSP0_DETECT	Synchronous Serial Ports (SSP)\SD\MMMC		D10
56	LRADC2	Low-Resolution ADC		C8
57	LRADC1	Low-Resolution ADC		C9
58	LRADC3	Low-Resolution ADC		D9
59	PWRGATE_SSP0	misc signal\GPIO		E9
60	PWRGATE_SSP1	misc signal\GPIO		E10
61	SAIF0_SDATA1			E8
62	I2C0_SDA	I2C0 Serial Data		D8
63	SPDIF			D7
64	I2C0_SCL	I2C0 Serial Clock		C7
65	SSP0_DATA1	Synchronous Serial Ports (SSP)\SD\MMMC		C6
66	SSP0_SCK	Synchronous Serial Ports (SSP)\SD\MMMC		A6
67	SSP0_DATA2	Synchronous Serial Ports (SSP)\SD\MMMC		D6
68	SSP0_DATA0	Synchronous Serial Ports (SSP)\SD\MMMC		B6
69	SSP0_DATA5	Synchronous Serial Ports (SSP)\SD\MMMC		C5
70	SSP0_DATA3	Synchronous Serial Ports (SSP)\SD\MMMC		A5
71	SSP0_DATA6	Synchronous Serial Ports (SSP)\SD\MMMC		D5
72	SSP0_DATA4	Synchronous Serial Ports (SSP)\SD\MMMC		B5
73	SSP0_DATA7	Synchronous Serial Ports (SSP)\SD\MMMC		B4
74	SSP0_CMD	Synchronous Serial Ports (SSP)\SD\MMMC		A4
75	GND			
76	GND			
77	VDD5V	5V Power Input		E17
78	VDD5V	5V Power Input		E17
79	DCDC_BAT_BATTERY	DCDC Battery		A15
80	PSWITCH_IN	Power On / Recovery / Software Visible		to 1Kom <-> A11

Разъем XS2			
Контакт №	Имя сигнала	Описание	Номер контакта на i.MX287
1	LCD_D21	LCD signal	U5
2	GND		
3	LCD_D23	LCD signal	
4	LCD_D22	LCD signal	T5
5	LCD_CS	LCD signal	P5
6	LCD_D18	LCD signal	U4
7	LCD_D20	LCD signal	R4
8	LCD_D19	LCD signal	T4
9	LCD_RD_E	LCD signal	P4
10	LCD_D15	LCD signal	U3
11	LCD_D17	LCD signal	R3
12	LCD_D16	LCD signal	T3
13	LCD_D13	LCD signal	T2
14	LCD_D14	LCD signal	U2
15	LCD_D09	LCD signal	P3
16	LCD_ENABLE	LCD signal	N5
17	LCD_D12	LCD signal	T1
18	LCD_RS	LCD signal	M4
19	LCD_D11	LCD signal	R2
20	LCD_D05	LCD signal	M3
21	LCD_D10	LCD signal	R1
22	LCD_RESET	LCD signal	M6
23	LCD_D08	LCD signal	P2
24	LCD_D07	LCD signal	P1
25	LCD_D03	LCD signal	L3
26	LCD_D06	LCD signal	N2
27	LCD_D01	LCD signal	K3
28	LCD_DOTCLK	LCD signal	N1
29	LCD_D04	LCD signal	M2
30	LCD_D02	LCD signal	L2
31	LCD_HSYNC	LCD signal	M1
32	LCD_VSYNC	LCD signal	L1
33	LCD_D00	LCD signal	K2
34	LCD_WR_RWN	LCD signal	K1
35	BACKLIGHT_PWM	LCD signal\GPIO	K8
36	PHY0_LED1	PHY0 Link	
37	GND		
38	PHY0_RX+	PHY0	
39	GND		
40	PHY0_RX-	PHY0	
41	GND		
42	PHY0_TX+	PHY0	
43	GND		
44	PHY0_TX-	PHY0	
45	DUART_TX	Debug UART TX	L7
46	FEC_A3V3_0	PHY0 LAN8720 3V3 output for trans.	
47	AUART0_RTS	Application UART0 RTS Flow Control	J7
48	DUART_RX	Debug UART RX	K7
49	AUART0_TX	Application UART0 TX	H5
50	AUART0_CTS	Application UART0 CTS Flow Control	J6
51	SSP2_SS1	SSP\SPI	D3
52	AUART0_RX	Application UART0 RX	G5
53	SSP2_SS2	SSP\SPI	D4
54	SSP2_SS0	SSP\SPI	C4
55	SSP2_MOSI	SSP\SPI	C3
56	SSP2_MISO	SSP\SPI	B3
57	AUART2_RTS	Application UART2 RTS Flow Control	H7
58	SSP2_SCK		A3
59	AUART2_TX	Application UART2 TX	F5
60	AUART2_CTS	Application UART2 CTS Flow Control	H6
61	AUART2_RX	Application UART2 RX	F6
62	PHY1_LED1	PHY1 Link	
63	GND		
64	PHY1_RX+	PHY1	
65	GND		
66	PHY1_RX-	PHY1	
67	GND		
68	PHY1_TX+	PHY1	
69	GND		
70	PHY1_TX-	PHY1	
71	SSP1_DATA3	misc signal\GPIO	E1
72	FEC_A3V3_1	PHY1 LAN8720 3V3 output for trans.	
73	AUART4_CTS_RSV	misc signal\GPIO	D2
74	SSP1_DATA0	misc signal\GPIO	D1
75	AUART4_RX_RSV	misc signal\GPIO	C2
76	SSP1_CMD	misc signal\GPIO	C1
77	AUART4_RTS_RSV	misc signal\GPIO	B2
78	SSP1_SCK	misc signal\GPIO	B1
79	3V3		
80	AUART4_TX_RSV	misc signal\GPIO	A2

Имя сигнала	Номер контакта на i.MX287	Имя сигнала	Номер контакта на i.MX287
AUART0_CTS	J6	LCD_D19	T4
AUART0_RTS	J7	LCD_D20	R4
AUART0_RX	G5	LCD_D21	U5
AUART0_TX	H5	LCD_D22	T5
AUART1_CTS	K5	LCD_D23	R5
AUART1_RTS	J5	LCD_DOTCLK	N1
AUART1_RX	L4	LCD_ENABLE	N5
AUART1_TX	K4	LCD_HSYNC	M1
AUART2_CTS	H6	LCD_RD_E	P4
AUART2_RTS	H7	LCD_RESET	M6
AUART2_RX	F6	LCD_RS	M4
AUART2_TX	F5	LCD_VSYNC	L1
AUART3_CTS	L6	LCD_WR_RWN	K1
AUART3_RTS	K6	LRADC0	C15
AUART3_RX	M5	LRADC1	C9
AUART3_TX	L5	LRADC2	C8
AUART4_CTS	G7	LRADC3	D9
AUART4_CTS_RSV	D2	LRADC4	D13
AUART4_RTS	G6	LRADC5	D15
AUART4_RTS_RSV	B2	LRADC6	C14
AUART4_RX	F7	PSWITCH	A11
AUART4_RX_RSV	C2	PWRGATE_SSP0	E9
AUART4_TX	E7	PWRGATE_SSP1	E10
AUART4_TX_RSV	A2	RESETN	A14
BACKLIGHT_PWM	K8	RTC_XTALI	D11
DCDC_BAT_BATTERY	A15	RTC_XTALO	C11
DCDC_BAT_BATTERY	B15	SAIFO_SDATA1	E8
DEBUG	B9	SPDIF	D7
DUART_RX	K7	SSP0_CMD	A4
DUART_TX	L7	SSP0_DATA0	B6
GPMI_ALE	P6	SSP0_DATA1	C6
GPMI_CE0	N7	SSP0_DATA2	D6
GPMI_CE1	N9	SSP0_DATA3	A5
GPMI_CE2	M7	SSP0_DATA4	B5
GPMI_CE3	M9	SSP0_DATA5	C5
GPMI_CLE	P7	SSP0_DATA6	D5
GPMI_D00	U8	SSP0_DATA7	B4
GPMI_D01	T8	SSP0_DETECT	D10
GPMI_D02	R8	SSP0_SCK	A6
GPMI_D03	U7	SSP1_CMD	C1
GPMI_D04	T7	SSP1_DATA0	D1
GPMI_D05	R7	SSP1_DATA3	E1
GPMI_D06	U6	SSP1_SCK	B1
GPMI_D07	T6	SSP2_MISO	B3
GPMI_RD	R6	SSP2_MOSI	C3
GPMI_RDY0	N6	SSP2_SCK	A3
GPMI_RDY1	N8	SSP2_SS0	C4
GPMI_RDY2	M8	SSP2_SS1	D3
GPMI_RDY3	L8	SSP2_SS2	D4
GPMI_WP	L9	USB0DM	A10
GPMI_WR	P8	USB0DP	B10
HSADC0	B14	USB1DM	B8
I2C0_SCL	C7	USB1DP	A8
I2C0_SDA	D8	VDD1P5	D16
JTAG_RTCK	E14	VDD4P2	A13
JTAG_TCK	E11	VDD5V	E17
JTAG_TDI	E12	VDDXTAL	C12
JTAG_TDO	E13		
JTAG_TMS	D12		
JTAG_TRST	D14		
LCD_CS	P5		
LCD_D00	K2		
LCD_D01	K3		
LCD_D02	L2		
LCD_D03	L3		
LCD_D04	M2		
LCD_D05	M3		
LCD_D06	N2		
LCD_D07	P1		
LCD_D08	P2		
LCD_D09	P3		
LCD_D10	R1		
LCD_D11	R2		
LCD_D12	T1		
LCD_D13	T2		
LCD_D14	U2		
LCD_D15	U3		
LCD_D16	T3		
LCD_D17	R3		
LCD_D18	U4		