

Connector: CN1

핀 번호	기능	핀 이름 및GPIO	핀 번호	기능	핀 이름 및GPIO	
1	DATA	X_DATA15	2	GPIO	DISP0_PWR_EN	
3		X_DATA14	4		USB_H1_PWR_EN	
5		X_DATA13	6		UOK_B	
7		X_DATA12	8		RGMIIL_INT	
9		X_DATA3	10		USB_OTG_ID	
11		X_DATA2	12		ETH_WOL_INT	
13		X_DATA9	14		RGMIIL_MDC	
15		X_DATA1	16		RGMIIL_MDIO	
17		X_DATA7	18		RGMIIL_nRST	
19		X_DATA6	20		GND	
21		X_DATA5	22		CLK	ENET_REF_CLK
23		X_DATA4	24		GND	
25		X_DATA10	26		DSP	DISP0_DAT23
27		X_DATA11	28			DISP0_DAT18
29	X_DATA8	30	DISP0_DAT22			
31	X_DATA0	32	DISP0_DAT17			
33	DISP	DISP0_CNTRST	34	DISP0_DAT19		
35		DISP0_HSYNCH	36	DISP0_DAT20		
37		DISP0_VSYNCH	38	DISP0_DAT16		
39		DISP0_DRDY	40	DISP0_DAT21		
41		GND	42	GND		
43	DISP0_CLK	44	EIM	EIM_BCLK		
45	GND	46	GND			
47	EIM	EIM_DA7	48	EIM	EIM_WAIT	
49		EIM_DA6	50		EIM_DA15	
51		EIM_DA5	52		EIM_DA14	
53		EIM_DA4	54		EIM_DA13	
55		EIM_DA3	56		EIM_DA12	
57		EIM_DA2	58		EIM_DA11	
59		EIM_DA1	60		EIM_DA10	
61		EIM_DA0	62		EIM_DA9	
63		EIM_A24	64		EIM_DA8	
65		EIM_A23	66		EIM_EB0	

67		EIM_A22	68		EIM_EB1
69		EIM_A21	70		EIM_LBA
71		EIM_A20	72		EIM_OE
73		EIM_A19	74		EIM_RW
75		EIM_A18	76		EIM_CS0
77		EIM_A17	78		EIM_CS1
79		EIM_A16	80		EIM_A25

Connector: CN2

핀 번호	기능	핀 이름 및GPIO	핀 번호	기능	핀 이름 및GPIO
1	LVDS	GND	2	LVDS	GND
3		LVDS1_TX3_P	4		LVDS0_TX3_N
5		LVDS1_TX3_N	6		LVDS0_TX3_P
7		GND	8		GND
9		LVDS1_TX2_P	10		LVDS0_TX2_N
11		LVDS1_TX2_N	12		LVDS0_TX2_P
13		GND	14		GND
15		LVDS1_TX1_N	16		LVDS0_CLK_N
17		LVDS1_TX1_P	18		LVDS0_CLK_P
19		GND	20		GND
21		LVDS1_TX0_P	22		LVDS0_TX0_N
23		LVDS1_TX0_N	24		LVDS0_TX0_P
25		GND	26		GND
27		LVDS1_CLK_N	28		LVDS0_TX1_N
29		LVDS1_CLK_P	30		LVDS0_TX1_P
31		GND	32		GND
33	KEY, I2C	KEY_ROW0	34	KEY, I2C	KEY_COL0
35		KEY_ROW1	36		KEY_COL1
37		I2C2_SDA	38		KEY_COL2
39		KEY_ROW4	40		I2C2_SCL
41	GND	42	KEY_COL4		
43	GPIO	GPIO_0_CLKO	44	GPIO	GND
45		GPIO_2	46		GPIO_9
47		GPIO_4	48		GPIO_5
49		I2C3_SDA	50		GPIO_17
51		GPIO_8	52		GPIO_7
53	GND	54	I2C	I2C3_SCL	
55	CS	CSI0_PIXCLK	56	GPIO	GPIO_19
57	GND		58	UART	UART1_TX
59	HDMI	HDMI_CEC_IN	60		UART1_RX
61	CS	CSI0_DATA_EN	62	CS	CSI0_DAT12
63		CSI0_DAT07	64		CSI0_DAT13
65		CSI0_DAT05	66		CSI0_DAT14

67		CSI0_DAT04	68		CSI0_DAT15
69		CSI0_DAT06	70		CSI0_DAT16
71		CSI0_VSYNCH	72		CSI0_DAT17
73	I2C	I2C1_SDA	74		CSI0_DAT18
75		I2C1_SCL	76		CSI0_DAT19
77	CS	CSI0_MCLK	78	HDMI	HDMI_HPD
79		GND	80		GND

Connector: CN3

핀 번호	기능	핀 이름 및GPIO	핀 번호	기능	핀 이름 및GPIO
1	EIM	EIM_EB3	2	EIM	EIM_EB2
3		GND	4		GND
5	RGMII	RGMII_RXD0	6	RGMII	RGMII_TXD1
7		RGMII_RXD1	8		RGMII_TXD2
9		RGMII_RXD2	10		RGMII_TXEN
11		RGMII_RXD3	12		RGMII_TXD0
13		RGMII_RXDV	14		RGMII_TXD3
15		GND	16		GND
17		RGMII_RXCLK	18		RGMII_TXCLK
19		GND	20		GND
21	SD	SD2_CMD	22	SD	SD1_CMD
23		GND	24		GND
25	SD	SD2_CLK	26	SD	SD1_CLK
27		GND	28		GND
29	SD	SD2_DATA0	30	SD	SD1_DATA0
31		SD2_DATA1	32		SD1_DATA1
33		SD2_DATA2	34		SD1_DATA2
35		SD2_DATA3	36		SD1_DATA3
37		SD3_RST	38		SD3_CMD
39		SD3_DATA4	40		GND
41		SD3_DATA5	42		SD
43	SD3_DATA6	44		GND	
45	SD3_DATA7	46	SD	SD3_DATA0	
47	NANDF_D7	48		SD3_DATA1	
49	NANDF_D3	50		SD3_DATA2	
51	NANDF_D4	52		SD3_DATA3	
53	NANDF	NANDF_D5	54	NANDF	NANDF_CS3
55		NANDF_D0	56		NANDF_CS3
57		NANDF_D1	58		NANDF_RB0
59		NANDF_CS2	60		NANDF_CS1
61	NANDF_CS0	62		NANDF_CLE	
63		GND	64		NANDF_D6
65	SATA	SATA_RXP	66		NANDF_WP

67		SATA_RXN	68		NANDE_D2
69		GND	70	VGEN	VGEN4_1V8
71	SATA	SATA_TXP	72		VGEN4_1V8
73		SATA_TXN	74	P3V3	P3V3_LICEL
75		GND	76		GND
77		GND	78		GND
79		GND	80		GND

Connector: CN4

핀 번호	기능	핀 이름 및GPIO	핀 번호	기능	핀 이름 및GPIO	
1	CS	CSI_CLK0M	2	HDMI	HDMI_D2M	
3		CSI_CLK0P	4		HDMI_D2P	
5		GND	6		GND	
7	CS	CSI_D3M	8		HDMI_D1M	
9		CSI_D3P	10		HDMI_D1P	
11		GND	12		GND	
13	CS	CSI_D2M	14		HDMI_D0M	
15		CSI_D2P	16		HDMI_D0M	
17		GND	18		GND	
19	CS	CSI_D1M	20		HDMI_CLKM	
21		CSLD1P	22		HDMI_CLKP	
23		GND	24			GND
25	CS	CSI_D0M	26	DSI	DSI_CLK0P	
27		CSLD0P	28		DSI_CLK0M	
29		GND	30		GND	
31	CLK	CLK1_P	32		DSI_D1P	
33		CLK1_N	34		DSI_D1M	
35		GND	36		GND	
37	PCI	PCIE_RXP	38		DSI_D0P	
39		PCIE_RXM	40		DSI_D0M	
41		GND	42		GND	
43	PCI	PCIE_TXP	44	USB	USB_HOST_DN	
45		PCIE_TXM	46		USB_HOST_DP	
47		GND	48		GND	
49	USB	USB_OTG_DN	50	CPUP	CPUPWRON	
51		USB_OTG_DP	52	PWR	PWRON	
53			GND	54		GND
55			USB_OTG_VBUS	56	VGEN	VGEN1_1V5
57	PMIC	PMIC_5V	58	VGEN1_1V5		
59	GEN	GEN_3V3	60	VGEN2_1V5		
61		GEN_3V3	62	VGEN2_1V5		
63		GEN_3V3	64	VGEN3_2V5		
65		GEN_3V3	66	AUX	AUX_3V15	

67		GEN_3V3	68		AUX_3V15
69	ETH	ETH_3V3	70		AUX_3V15
71		ETH_3V3	72	SYS	SYS_4V
73	SYS	SYS_4V	74		SYS_4V
75		SYS_4V	76		SYS_4V
77		SYS_4V	78		SYS_4V
79		SYS_4V	80		SYS_4V