

**硬體資源****核心板接腳定義 1**

接腳標號	信號	接腳編號	信號
1	DC5V	20	MCU_GPIOA28
2	DC5V	21	SD0_BOOT
3	GND	22	MCU_GPIOB0
4	GND	23	MCU_UART0_TX
5	MCU_GPIOC0	24	MCU_UART0_RX
6	MCU_PWRKEY	25	GND
7	MCU_GPIO5	26	MCU_SCL_1
8	MCU_GPIOC2	27	MCU_SDA_1
9	MCU_BACKLIGHT_PWM	28	MCU_SCL_2
10	MCU_SCL_0	29	MCU_SDA_2
11	MCU_SDA_0	30	MCU_SD1_D3
12	GND	31	MCU_SD1_D2
13	MCU_SPI0_MISO	32	MCU_SD1_D1
14	MCU_SPI0_MOSI	33	MCU_SD1_D0
15	MCU_SPI0_CS	34	MCU_SD1_CMD
16	MCU_SPI0_CLK	35	MCU_SD1_CLK
17	MCU_GPIOB8	36	GND
18	MCU_GPIOB9	37	MCU_SD0_CD
19	OTG_VBUS	38	MCU_SD0_D0

**核心板接腳定義 2**

接腳標號	信號	接腳編號	信號
39	MCU_SD0_D1	58	MCU_HDMI_TX0N
40	MCU_SD0_D2	59	MCU_HDMI_TX0P
41	MCU_SD0_D3	60	MCU_HDMI_TX1N
42	MCU_SD0_CMD	61	MCU_HDMI_TX1P
43	MCU_SD0_CLK	62	MCU_HDMI_TX2N
44	MCU_USB_ID	63	MCU_HDMI_TX2P
45	GND	64	GND
46	MCU_USB_HOST_D+	65	MIPICSI_DP3
47	MCU_USB_HOST_D-	66	MIPICSI_DN3
48	GND	67	MIPICSI_DP2
49	MCU_USB+	68	MIPICSI_DN2
50	MCU_USB-	69	MIPICSI_DP1
51	MCU_GPIOE13	70	MIPICSI_DN1
52	GND	71	MIPICSI_DP0
53	MCU_HDMI_CEC	72	MIPICSI_DN0
54	MCU_HDMI_HPD	73	MIPICSI_DPCLK
55	GND	74	MIPICSI_DNCLK
56	MCU_HDMI_TXCN	75	GND
57	MCU_HDMI_TXCP	76	MCU_LVDS_Y3P

**核心板接腳定義 3**

接腳標號	信號	接腳編號	信號
77	MCU_LVDS_Y3M	96	LCD_G1
78	MCU_LVDS_CLKP	97	LCD_G2
79	MCU_LVDS_CLKM	98	LCD_G3
80	MCU_LVDS_Y2P	99	LCD_G4
81	MCU_LVDS_Y2M	100	LCD_G5
82	MCU_LVDS_Y1P	101	LCD_G6
83	MCU_LVDS_Y1M	102	LCD_G7
84	MCU_LVDS_Y0P	103	LCD_R0
85	MCU_LVDS_Y0M	104	LCD_R1
86	GND	105	LCD_R2
87	LCD_B0	106	LCD_R3
88	LCD_B1	107	LCD_R4
89	LCD_B2	108	LCD_R5
90	LCD_B3	109	LCD_R6
91	LCD_B4	110	LCD_R7
92	LCD_B5	111	LCD_CLK
93	LCD_B6	112	LCD_VSYNC
94	LCD_B7	113	LCD_HSYNC
95	LCD_G0	114	LCD_DE

**核心板接腳定義 4**

接腳標號	信號	接腳編號	信號
115	GND	134	MCU_UART2_TX
116	MCU_CAM1_PCLK	135	MCU_UART2_RX
117	MCU_CAM1_VSYNC	136	MCU_UART3_TX
118	MCU_CAM1_HYNC	137	MCU_UART3_RX
119	MCU_CAM1_D0	138	TXD4
120	MCU_CAM1_D1	139	RXD4
121	MCU_CAM1_D2	140	RXD5
122	MCU_CAM1_D3	141	TXD5
123	MCU_CAM1_D4	142	GND
124	MCU_CAM1_D5	143	MCU_GPIOC1
125	MCU_CAM1_D6	144	MCU_PPM
126	MCU_CAM1_D7	145	GND
127	MCU_CAM1_MCLK	146	NET_TX0+
128	GND	147	NET_TX0-
129	CVBS	148	NET_RX1+
130	MCU_UART1_TX	149	NET_RX1-
131	MCU_UART1_RX	150	NET_TX2+
132	MCU_UART1_CTS	151	NET_TX2-
133	MCU_UART1_RTS	152	NET_RX3+

**核心板接腳定義 5**

接腳標號	信號	接腳編號	信號
153	NET_RX3-	169	MCU_ADC6
154	GND	170	MCU_ADC7
155	SPEED_LED	171	GND
156	LINK_LED	172	VCC1P8_RTC
157	MCU_SPI2_CLK	173	MCU_NRESETIN
158	MCU_SPI2_CS	174	USB_BOOT
159	MCU_SPI2_MOSI	175	VCC3P3_SYS
160	MCU_SPI2_MISO	176	VCC3P3_SYS
161	MCU_I2S_LRCK	177	VBAT_SYS
162	MCU_I2S_BCK	178	VBAT_SYS
163	MCU_I2S_SDIN	179	MCU_OTG_PWRON
164	MCU_I2S_SDOOUT	180	MCU_PWM2
165	MCU_I2S_MCLK	181	GND
166	GND	182	GND
167	MCU_ADC4	183	VBAT+
168	MCU_ADC5	184	VBAT+