J1
Conn_01x40_MountingPin

J2
Conn_01x06_MountingPin

J3
Conn_01x24_MountingPin

GND

GND

GND

J5
Conn_01x06_Pin

J6
Conn_01x24_Pin

J7
Conn_01x02_Pin

GND

J4
Conn_02x20_Counter_Clockwise

**Touch pad**

| PIN | 定义 |
|-----|------|
| 1 | GND |
| 2 | SDA |
| 3 | SCL |
| 4 | VDD |
| 5 | INT |
| 6 | RSTB |

**MCU18 INTERFACE**

| PIN | 名称 | 描述 |
|-----|------|------|
| 1 | GND | Power ground |
| 2 | LEDA | Back light + |
| 3 | LEDK | Back light − |
| 4 | VCC | Power supply for LCM 2.8V-3.3V |
| 5 | IM0 | |
| 6 | IM1 | |
| 7 | IM2 | |
| 8 | RESET | Reset signal |
| 9 | VS | Vertical sync input |
| 10 | HS | Horizontal sync input |
| 11 | PCLK | Dot clock signal input |
| 12 | DE | Data enable signal input |
| 13-30 | DB17-DB0 | Data bus |
| 31 | SDO/DOUT | |
| 32 | SDA | |
| 33 | RD | Read enable in 8080 MCU parallel interface |
| 34 | WR | Write enable in MCU parallel interface |
| 35 | RS | Display data/command selection pin in parallel interface |
| 36 | CS | Chip selection pin |
| 37 | YU | Back light − |
| 38 | XL | No connect |
| 39 | YD | Back light + |
| 40 | XR | |

**SPI3W+RGB18BIT|HD30014C40**

| PIN | 名称 | 描述 |
|-----|------|------|
| 1 | LEDA | Back light + |
| 2 | LEDK | Back light − |
| 3 | LEDK | Back light − |
| 4 | GND | Power ground |
| 5 | VCC | Power supply for LCM 2.8V-3.3V |
| 6 | RESET | Reset signal |
| 7 | NC | |
| 8 | NC | |
| 9 | SDA | Serial data IO for SPI |
| 10 | SCK | Serial clock input for SPI |
| 11 | CS | Chip selection pin |
| 12 | PCLK | Dot clock signal for RGB interface operation |
| 13 | DE | Data enable signal input |
| 14 | VS | Vertical sync input |
| 15 | HS | Horizontal sync input |
| 16-21 | R0-R5 | Parallel data bus for RGB interface |
| 22-27 | G0-G5 | Parallel data bus for RGB interface |
| 28-33 | B0-B5 | Parallel data bus for RGB interface |
| 34 | GND | Power ground |
| 35 | TP-INT | |
| 36 | TP-SDA | |
| 37 | TP-SCL | |
| 38 | TP-RST | |
| 39 | TP-VCL | |
| 40 | GND | Power ground |

**4-SPI/8080 8bit**

| PIN | 定义 | 描述 |
|-----|------|------|
| 1 | SPI_RST | |
| 2 | SPI_SCL | |
| 3 | SPI_D/C | Serves as command or parameter select. |
| 4 | SPI_CS | |
| 5 | VDD | 2.8V-3.3V |
| 6 | VDDI | 2.8V-3.3V |
| 7 | SPI_SDA | The data is applied on the rising edge of the SCL signal |
| 8 | GND | |
| 9 | LED_K | Back-light Cathode |
| 10 | LED_A | Back-light Anode |
| 11 | GND | |
| 12-24 | S1-S13 | TP |