

MCW-ILI2510 Controller Datasheet

Technical Specifications:

| | |
|-------------------------|--|
| Part Name: | ILI2510 Controller (SNT-MCW-C-ILI2510) |
| Internal Bom Code: | 0.00.000.11.2001 |
| Port (Note1) | USB2.0, UART |
| Power Consumption | 0.6 W |
| Power Supply(Note2) | USB (5V +/-5% DC) |
| Refresh Rate: | 100 |
| Channels: | TX: 24(MAX) RX: 48(MAX) |
| Size adaptable (Note3): | 7" ~ 32" |
| Working Temperature: | -20°C ~ 70°C |
| Storage Temperature: | -20°C ~ 80°C |
| Max. Touch Points | 10 Points |

OS Supported

| Operation System | Version | Touch Points | Ports |
|------------------|----------------------|--------------|-------|
| Windows | Win7 | 10 | USB |
| | Win8 | 10 | USB |
| | Win10 | 10 | USB |
| Linux | Kernel3.10 and above | 10 | USB |
| Android | Kernel3.10 and above | 10 | USB |

PIN Definition

| PIN | MARK | TYPE | DESCRIPTION |
|-----|------|--------|-----------------------------------|
| 1 | 5V | Power | 5V power supply |
| 2 | DM | Signal | D-pin of internal USB transceiver |
| 3 | DP | Signal | D+pin of internal USB transceiver |
| 4 | GND | Power | Ground |

| J13 (80-Pin/Pin Pitch=0.5mm) | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Pin | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | GND | RX48 | RX47 | RX46 | RX45 | RX44 | RX43 | RX42 | RX41 | RX40 | RX39 | RX38 | RX37 | RX36 | RX35 |
| Pin | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| | RX34 | RX33 | RX32 | RX31 | RX30 | RX29 | RX28 | RX27 | RX26 | RX25 | RX24 | RX23 | RX22 | RX21 | RX20 |
| Pin | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| | RX19 | RX18 | RX17 | RX16 | RX15 | RX14 | RX13 | RX12 | RX11 | RX10 | RX09 | RX08 | RX07 | RX06 | RX05 |
| Pin | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| | RX04 | RX03 | RX02 | RX01 | GND | GND | GND | GND | GND | GND | TX24 | TX23 | TX22 | TX21 | TX20 |
| Pin | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |
| | TX19 | TX18 | TX17 | TX16 | TX15 | TX14 | TX13 | TX12 | TX11 | TX10 | TX09 | TX08 | TX07 | TX06 | TX05 |
| Pin | 76 | 77 | 78 | 79 | 80 | | | | | | | | | | |
| | TX04 | TX03 | TX02 | TX01 | GND | | | | | | | | | | |

In case of any technical support needed, please feel free to contact us:

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