MDT0730 A1S - SPI

Module Interface

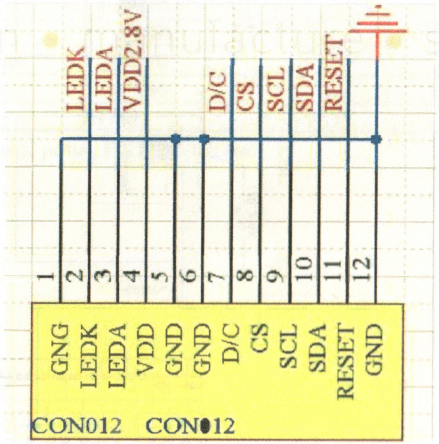
MCU8-12 pins

NO	SYMBOL	FUNCTION
1	GND	Power Ground
2	LEDK	LED Cathode
3	LEDA	LED Anode
4	VDD	Power Supply for Analog, VDD=2.5V~3.3V.
5-6	GND	Power Ground
7	D/C	Display data/command selection pin in 4-line serial interface.
8	CS	Chip selection pin; Low enable, High disable.
9	SCL	This pin is used to be serial interface clock.
10	SDA (mosi)	SPI interface input/output pin. The data is latched on the rising edge of the SCL signal.
11	RESET	This signal will reset the device and it must be applied to properly initialize the chip. Signal is active low.
12	GND	Power Ground

Application Circuit

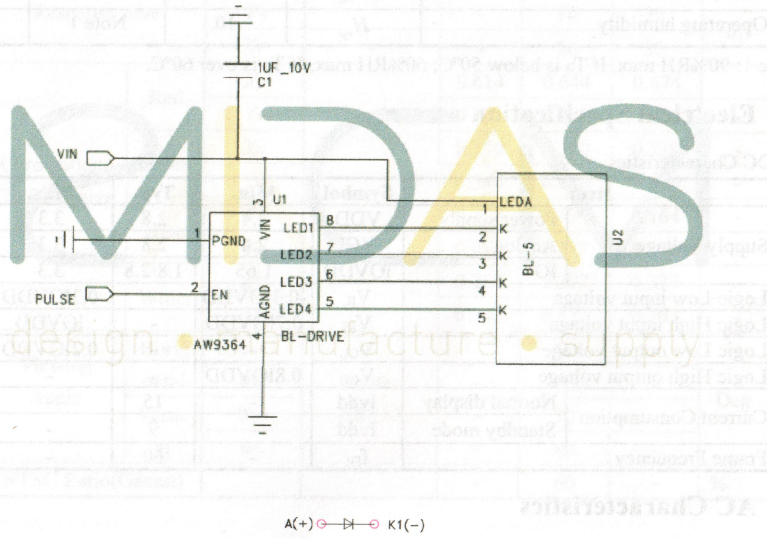
1Line SPI Interface

* R = 100Ω connected to 5V.



Backlight recommended circuit

Motherboard driver backlight is need constant current circuit, if the rated voltage screen after light brightness difference.Current and power consumption of the machine are inconsistent, so recommend a backlight driving circuit is best rated current.It is recommended to use IC (AW9364). The reference circuit is as follows:



Note: constant current circuit for every LED,and though LED lamp current is less than 20mA.Recommand between 15mA and 20 mA for every LED.