

JHD19264A SERIES

■ CHARACTERISTICS

DISPLAY CONTENT : 192 x 64 DOTS

DRIVING MODE : 1/64D

AVAILABLE TYPES :

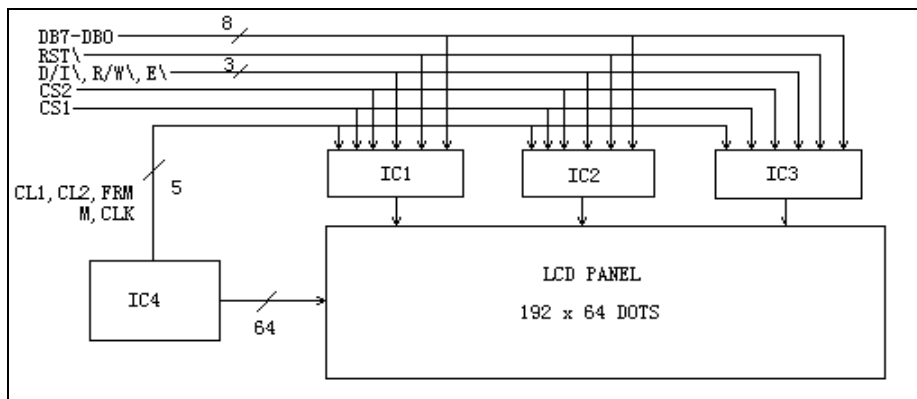
STN(YELLOW GREEN、GREY、 B/W)

REFLECTIVE、 WITH EL OR LED

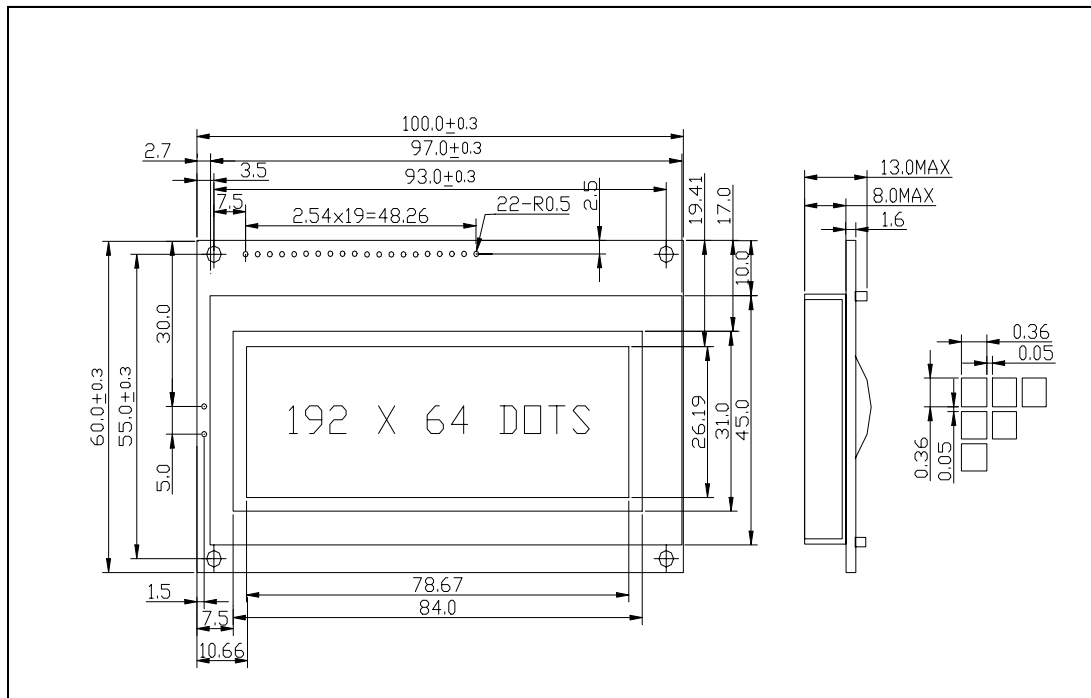
EL/100VAC, 400HZ

LED/4.2VDC

■ APPLICATION CIRCUIT



■ DIMENSIONS/DISPLAY CONTENT



LIMIT PARAMETER

PARAMETER	Symbol	Testing Criteria	Standard Values		UNIT
			MIN	MAX	
Supply Voltage	V _{DD-VSS}	Ta=25°C	-0.3	7.0	V
LCD Voltage	V _{DD-V0}		-0.3	13.0	V
Input Voltage	V _I		-0.3	V _{DD}	V

ELECTRIC PARAMETER

PARAMETER		Symbol	Testing Criteria	Standard Values			UNIT
				MIN	Typical	MAX	
Voltage	LOGIC	V _{DD-VSS}	-	4.75	5.0	5.25	V
	LCD	V _F	-	-	4.2	4.6	V
Current	LOGIC	I _{DD}	-	-	5.54	10	mA
	LCD	I _F	-	-	200	340	mA
LCD Drive Voltage (recommnd)			0°C	12.7	13.4	14.1	V
			25°C	12.3	13.0	13.7	V
			40°C	11.9	12.6	13.3	V
Input Voltage	‘ H ’ Level	V _{IH}	High	0.7V _{DD}	-	V _{DD}	V
	‘ L ’ Level	V _{IIL}	Low	0	-	0.3V _{DD}	V

PIN CONFIGURATION

PIN	SYMBOL	LEVEL	INSTRUCTION
1	DB7	H/L	DATA 7
2	DB6	H/L	DATA 6
3	DB5	H/L	DATA 5
4	DB4	H/L	DATA 4
5	DB3	H/L	DATA 3
6	DB2	H/L	DATA 2
7	DB1	H/L	DATA 1
8	DB0	H/L	DATA 0
9	E	H,H→L	IC select signal
10	R/W	H/L	H:READ ; L:WRITE
11	RS	H/L	H:DATA ; L:COMMAND
12	V ₀	LCD Drive Voltage	Adjust Contrast
13	V _{DD}	5.0V	Power Supply Voltage
14	V _{SS}	0V	Ground contact (GND)
15	CSB	H/L	Chip Select signal, 00、01、10will Select on chip, when 11 terminals
16	CSA	H/L	
17	V _{EE}	-10.0V	LCD driving negative voltage
18	RST	L	Reset signal, low effective
19	LED+		Back LED Anode
20	LED-		Back LED Negative