



- Notes
- LCD controller: T6963C  
LCD driver: T6A39\*3+T6A40\*2
  - LCD type: Yellow-Green mode STN, positive display, 6 o'clock, transreflective
  - LCD drive voltage: 14.5V
  - LCM logic voltage: 5.0V
  - LCD drive method: 1/128 duty, 1/9 bias
  - LCM operating temperature: -20~70 °C
  - LCM storage temperature: -30~80 °C
  - Backlight: LED, Yellow-Green  
Drive voltage: 4.2V
  - Negative voltage IC: T6661, to -10V
  - ◁ : 灌注口方向

Interface pin connections

Pin No.	Symbol	Level	Description
1	Vss	—	Ground for logic
2	Vdd	—	Power supply for logic(+5.0V)
3	Vo	—	Contrast adjust voltage
4	C/D	H/L	Data or instruction select signal
5	/RD	L	Data read from T6963C
6	/WR	L	Data write into T6963C
7-14	DB0-DB7	H/L	Data bus
15	/CE	L	Enable signal for LCM
16	/RST	L	Reset signal
17	Vee	—	Negative voltage output
18	FS	H/L	Font selection
19	A	—	Power supply for LED backlight(+)
20	K	—	Power supply for LED backlight(-)

Interface pin connections

Pin No.	Symbol	Level	Description
1'	FLM	H	Synchronous frame signal
2'	CL2	H->L	Data shift clock
3'	CL1	H->L	Data latch clock
4'	M	H/L	Alternated signal for LCD driver
5'	Vdd	—	Power supply for logic(+5.0V)
6'	Vss	—	Ground for logic
7'	Vee	—	Negative voltage output
8'-11'	DB0-DB3	H/L	Data bus
12'	Vo	—	Contrast adjust voltage
13'	A	—	Power supply for LED backlight(+)
14'	K	—	Power supply for LED backlight(-)

With LED Backlight

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项目名称	模块结构图纸	
产品名称	HY-240128M-201	
文件名称	JG_240128M-201	比例 1:1
制图	陆敏元	日期 2003/10/30 单位 mm
审核	陆敏元	日期 2003/10/30 版本 VI.0
批准	陆敏元	日期 2003/10/30 页序 1/1