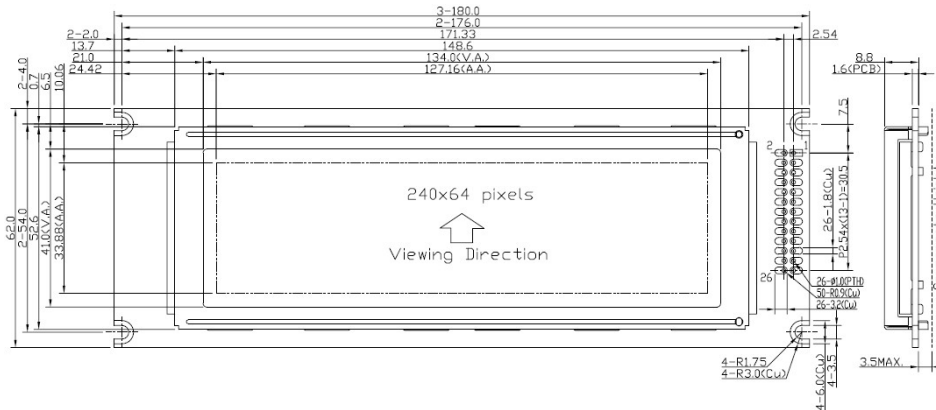


OUTLINE DRAWING



FEATURES

- 240x64 dots, built-in Chinese Fonts
- 3.3v power supply , Parallel interface
- STN-Gray or STN-Blue with white LED backlight optional

TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	VOUT	Power Booster Output for V0
2	V0	LCD Contrast Reference Input
3	VSS	0V Power Supply ,GND
4	VDD	Positive Power Supply
5	BUSY	Indicate the RA8806 in busy state or not ,could be used for MPU to get busy state by connecting it to IO port
6	NC	No connection , leave open
7	/CS	Chip select signal /CS=LOW : Data IO is enable
8	RS	Register Select RS=HIGH : Write address of register and read status word RS=LOW : Write & read data of register and DDRAM
9	/WR	Write enable input ,active LOW
10	/RD	Read enable input ,active LOW
11	DB0	8-bit bi-directional data bus
:	:	
18	DB7	
19	/RST	Reset Signal: /RST=L , Reset the LCD module /RST=H , Normal Running
20	NC	No connection , leave open
21	BLA	Positive Power Supply for LED backlight
22	BLK	Negative Power Supply for LED backlight
23	BLA	Positive Power Supply for LED backlight
24	BLK	Negative Power Supply for LED backlight
25	BLA	Positive Power Supply for LED backlight
26	BLK	Negative Power Supply for LED backlight

MECHANICAL DATA

Item	Value
Outline (mm)	180.0x62.0x12.3MAX
Viewing Area (mm)	134.0x41.0
Active Area (mm)	127.16x33.88
Dot Pitch (mm)	0.53x0.53
Dot Size (mm)	0.49x0.49

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN-Gray , Positive , Transflective
Viewing Angle	6:00
Driving Method	1/64Duty,1/8.2Bias
Backlight	White LED backlight

TEMPERATURE CHARACTERISTICS

Item	Symbol	Min	Max
Operating Temperature (°C)	T <sub>OP</sub>	-20	+70
Storage Temperature (°C)	T <sub>ST</sub>	-30	+80

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V <sub>DD</sub>	3.0	3.3	3.6
Input High Voltage (V)	V <sub>IH</sub>	0.8xV <sub>DD</sub>	-	V <sub>DD</sub>
Input Low Voltage (V)	V <sub>IL</sub>	VSS	-	0.1V <sub>DD</sub>
Operating Current (mA)	I <sub>DD</sub>	-	9.0	25

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V <sub>fVDD</sub>	-	3.3	-
Forward Current (mA)	I <sub>fVDD</sub>	-	102	120

MAJOR PRODUCT LIST

Models	Highlight		
	LCD Mode	Backlight	Voltage
LM6066RDW★	STN-Gray	White LED	3.3V
LM6066RFW	STN-Blue	White LED	3.3V

For similar product or (semi) custom made LCD module, Please visit our web site or contact us.

★The above product information is based on this model.