



**PIN CONNECTIONS**

Pin NO.		Syb	Level	Function		
CON1	CON3					
1	1	V <sub>DD</sub>	+5V	Power supply for Logic		
2	2	V <sub>SS</sub>	0V	Ground		
3	3	NC	-	No connection		
4	4	RS	H/L	Data/Command select		
5	5	/WR	L	Write signal		
6	6	/RD	L	Read signal		
7	7	DB0	H/L	8-bit / 16-bit Data bus line		
14	22	DB7/ DB15				
15	23	/CS			L	Chip select signal
16	24	/REST			L	Reset signal ,active “L”
17	25	/WAIT	L	Wait signal		
18	26	/INT	L	Interrupt signal		
External Flash control interface:						
19	27	/SCS	L	Flash Chip select signal		
20	28	DO	H/L	Serial data output		
21	29	DIO	H/L	Serial data output/input		
22	30	CLK	H/L	Serial clock input		

**MECHANICAL DATA**

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	166.2X115.0X12.5	mm
Viewing Area (W x H )	156.6X89.3	mm
Dot Pitch (W x H )	0.198X0.198	mm

**ABSOLUTE MAXIMUM RATINGS**

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V <sub>DD</sub> -V <sub>SS</sub>	0	5.5	V
Input Voltage	V <sub>I</sub>	0	V <sub>DD</sub>	V
Operating Temp.	T <sub>OPR</sub>	-20	+70	°C
Storage Temp.	T <sub>STG</sub>	-30	+80	°C

**ELECTRICAL CHARACTERISTICS ( V<sub>DD</sub>=5.0V, Ta=25°C )**

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V <sub>IH</sub>	0.7 V <sub>DD</sub>	--	V <sub>DD</sub>	V
Input Low Voltage	V <sub>IL</sub>	0	--	0.3V <sub>DD</sub>	V
Output High Voltage	V <sub>OH</sub>	0.8 V <sub>DD</sub>	--	V <sub>DD</sub>	V
Output Low Voltage	V <sub>OL</sub>	-	--	0.2V <sub>DD</sub>	V
Supply Current	I <sub>DD</sub>	-	TBD	-	mA

NOTES: 1. Size: 7.0”

- 800(RGB)X480 256/64K color
- Built-in RA8875 controller
- Built-in GB code
- 8-bit /16-bit 8080、3/4-wire SPI 、I<sup>2</sup>C interface optional
- 5V/3.3V power supply optional
- Touch panel optional
- PWM control LED Backlight (White)