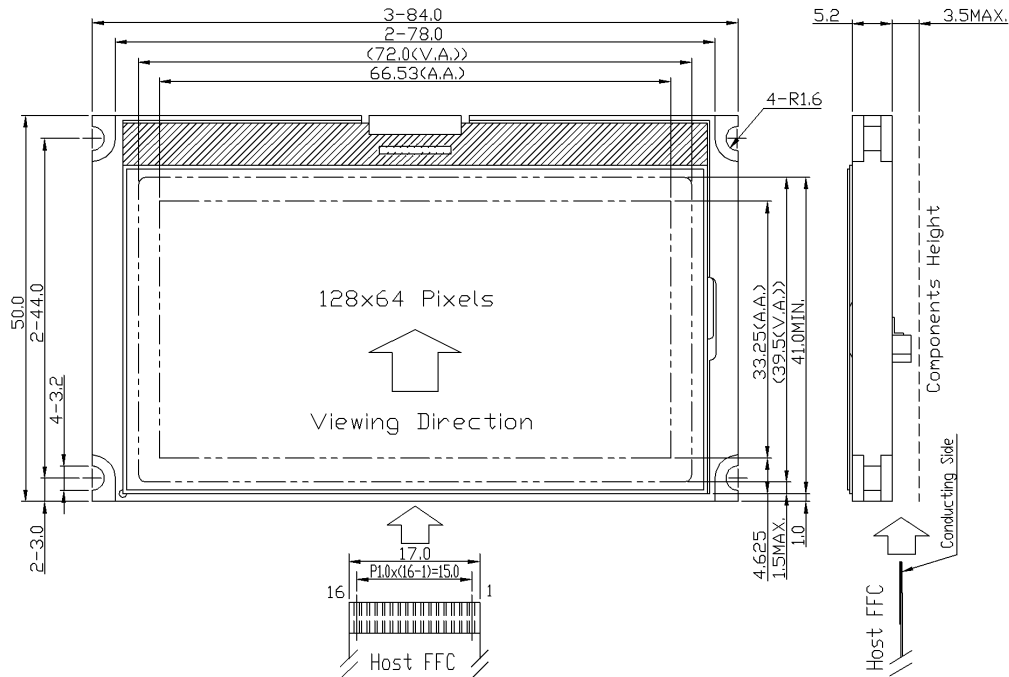


OUTLINE DRAWING



TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	VSS	0V Power Supply
2	VDD	Positive Power Supply
3	D7	8 bit Data Bus
:	:	There state I/O Terminal for display data or instruction data
10	D0	
11	/RD	/WR=H, /RD=L; Data or status read from the LCD module
12	/WR	/WR=L→H, /RD=H; Data or Instruction latch into the LCD module
13	A0	Register Select
14	/RES	Reset Signal
15	/CS1	Chip selection /CS1=L, enable access to the LCD module /CS1=H, disable access to the LCD module
16	BLA	LED Backlight Positive Power Supply

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode*	FSTN, Positive, Transmissive
Viewing Angle	6:00
Driving Method	1/65 duty, 1/9 bias
Backlight [†]	White LED Backlight

MECHANICAL DATA

Item	Value
Outline (mm)	84.0 x 50.0 x 8.7MAX
Viewing Area (mm)	72.0 x 39.5
Active Area (mm)	66.53 x 33.25
Dot Pitch (mm)	0.52 x 0.52
Dot Size (mm)	0.49 x 0.49

ABSOLUTE MAXIMUM

Item	Symbol	Min	Max
Operating Voltage (V)	V _{DD}	-0.3	+3.4
Operating Temperature (°C)	T _{OP}	-20	+70
Storage Temperature (°C)	T _{ST}	-30	+80

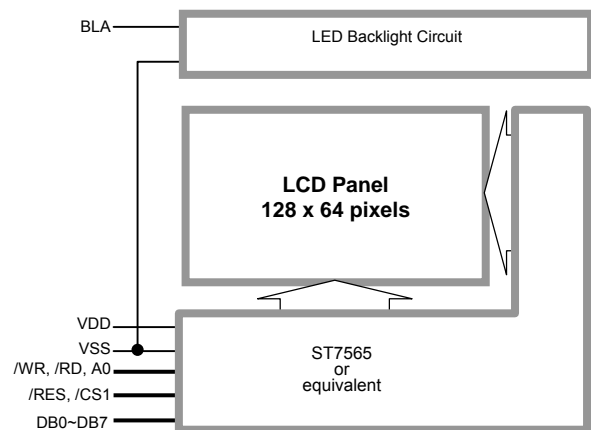
ELECTRICAL CHARACTERISTICS*

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V _{DD}	2.9	3.3	3.4
Input High Voltage (V)	V _{IH}	0.8 V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	0	-	0.2V _{DD}
Operating Current (mA)	I _{DD}	-	0.4	1.5

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	3.3	-
Forward Current (mA)	I _{fBLA}	-	85	100

BLOCK DIAGRAM



LM6063A series

Major Models	Highlight		
	*LCD Mode	# Backlight	**Voltage
LM6063ACW-2*	FSTN	White LED	3.3V
LM6063AFW-2	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.