

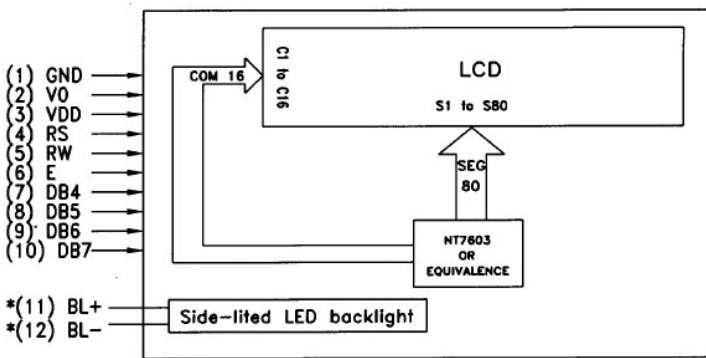


**MI1602F1-G**

**FEATURE:**

<b>Display Format:</b>	16 Characters×2 Lines
<b>Driving Method:</b>	1/16 Duty,1/5 Bias
<b>Display Type:</b>	STN
<b>Viewing Direction:</b>	6 O'clock default,12O'clock optional
<b>OPERATING TEMP.:</b>	-20℃ ---- 70℃
<b>STORAGE TEMP.:</b>	-30℃ ---- 80℃
<b>Backlight Type:</b>	No BL ; Side LED BL; Bottom LED BL Optional
<b>Interface:</b>	4-digital parallel
<b>Controller IC:</b>	Novatek NT7603 or Equivalent

**BLOCK DIAGRAM:**



**ELECTRICAL CHARACTERISTICS :**

Item	Symbol	Test Condition	Standard Value			Unit
			Min	Typ	Max	
LCD Operating Voltage	V <sub>DD</sub>		4.75	5.00	5.25	V
LCD Supply Current	I <sub>DD</sub>		--	0.2	0.65	mA
Supply voltage for LCD	V <sub>S</sub>		0.3	0.50	0.70	V
"H" level input voltage	V <sub>IH</sub>		2.2	--	V <sub>DD</sub>	
"L" level input voltage	V <sub>IL</sub>		0	--	0.6	
Edge LED (White)	V <sub>F</sub>		--	5.00	--	V
	I <sub>F</sub>		30	35	40	mA
Edge LED (Blue)	V <sub>F</sub>		--	5.00	--	V
	I <sub>F</sub>		30	35	40	mA
Edge LED(Yellow Green)	V <sub>F</sub>		4.70	5.00	5.30	V
	I <sub>F</sub>		--	50	125	mA

**EXTERNAL DIMENSIONS :**

