

# CCM-162B

## ● Specifications

Display contents :

16 Characters × 2 Lines

Character format : 5 × 8 dots

Driving duty : 1/16D

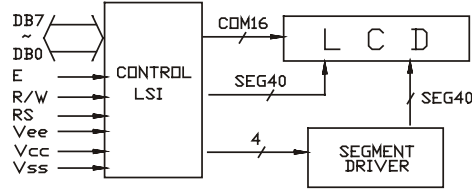
Provided version :

TN, STN Reflective

With EL or LED

EL/100VAC, 400Hz; LED/4.2VDC

## ● Block Diagram



## ● Absolute Maximum Ratings

Item	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	$V_{DD}-V_{SS}$	-0.3	-	7.0	V
LCD Driving Voltage	$V_{DD}-V_{EE}$	$V_{DD}-15.0$	-	$V_{DD}+0.3$	
Input Voltage	$V_{IN}$	-0.3	-	$V_{DD}+0.3$	
Operating Temp.	$T_{OP}$	0	-	50	
Storage Temp.	$T_{ST}$	-20	-	70	

## ● Electrical Characteristics

Item	Symbol	Test Condition	Min	Typ.	Max.	Unit
Input High Voltage	$V_{IH}$	-	2.2	-	$V_{DD}$	V
Input Low Voltage	$V_{IL}$	-	-0.3	-	0.6	V
Output High Voltage	$V_{OH}$	$I_{OH} = 0.205mA$	2.4	-	-	V
Output Low Voltage	$V_{OL}$	$I_{OH} = 1.2mA$	-	-	0.4	V
Supply Current	$I_{DD}$	$V_{CC} = 5.0V$	-	1.3	3.0	mA

## ● Mechanical Specifications

