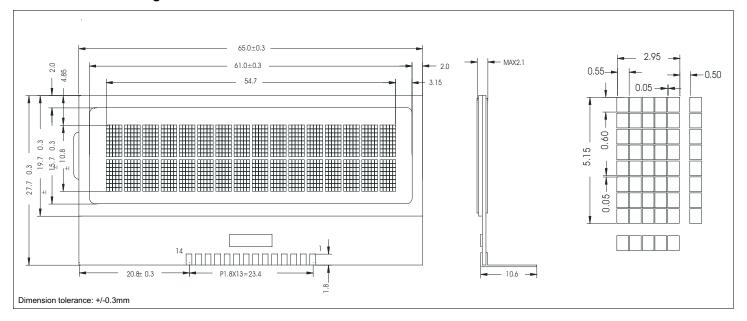
Chip On Glass technology

Dimensional Drawing

16 Character x 2 Line



Features	
Character Format	5x7 Dots with Cursor
Connection	Pin
OptionsTN or STN reflec	tive or transflective polarizer
Characters240 in RC	OM, 8 user designed in RAM
Controller	Nt7605

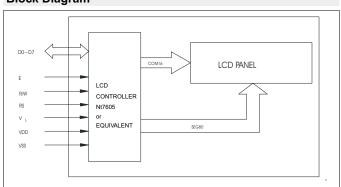
Absolute Maximum Ratings

3						
PARAMETER	SYMBOL	MIN	MAX	UNIT		
SUPPLY VOLTAGE	V _{DD} -V _{SS}	-0.3	6.0	V		
SUPPLY VOLTAGE FOR LCD	V _{DD} -V _L	V_{SS}	V _{DD} +0.3	V		
INPUT VOLTAGE	V _{IN}	-0.3	V _{DD} +0.3	V		
OPERATING TEMPERATURE	T _{OP}	0	50	°C		
STORAGE TEMPERATURE	T _{STG}	-20	70	°C		

Electrical Characteristics (VDD=5.0±0.25V 25°C)

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
INPUT HIGH VOLTAGE	V _{IH}	-	0.8V _{DD}	-	V_{DD}	٧
INPUT LOW VOLTAGE	V _{IL}	-	-0.3	-	0.2V _{DD}	٧
OUTPUT HIGH VOLTAGE	V _{OH}	I _{OH} =0.2mA	V _{DD} -0.6	-	-	٧
OUTPUT LOW VOLTAGE	V_{OL}	I _{OL} =1.2mA	-	-	V _{SS} +0.6	٧
POWER SUPPLY CURRENT	I _{DD}	V _{DD} =5.0V	-	0.92	-	mA
POWER SUPPLY FOR LCD	V_{DD} - V_{L}	TA=25°C	3.9	4.4	4.9	٧
DRIVE METHOD			1/16 Duty	/		

Block Diagram



Pin Connections

PIN NO.	SYMBOL	LEVEL	FUNCTION	
1	V _{SS}	OV	Ground	
2	V _L		Contrast control	
3	V_{DD}	5V	Logic supply voltage	
4	RS	H/L	H: Data input L: Instruction data input	
5	R/W red	ıdı/LData	H: L: Data write	
6	E	H,H! L	Enable signal	
7	D0	H/L		
8	D1	H/L		
9	D2	H/L		
10	D3	H/L	D. L. L.	
11	D4	H/L	Data bus	
12	D5	H/L		
13	D6	H/L		
14	D7	H/L		