RT24064C

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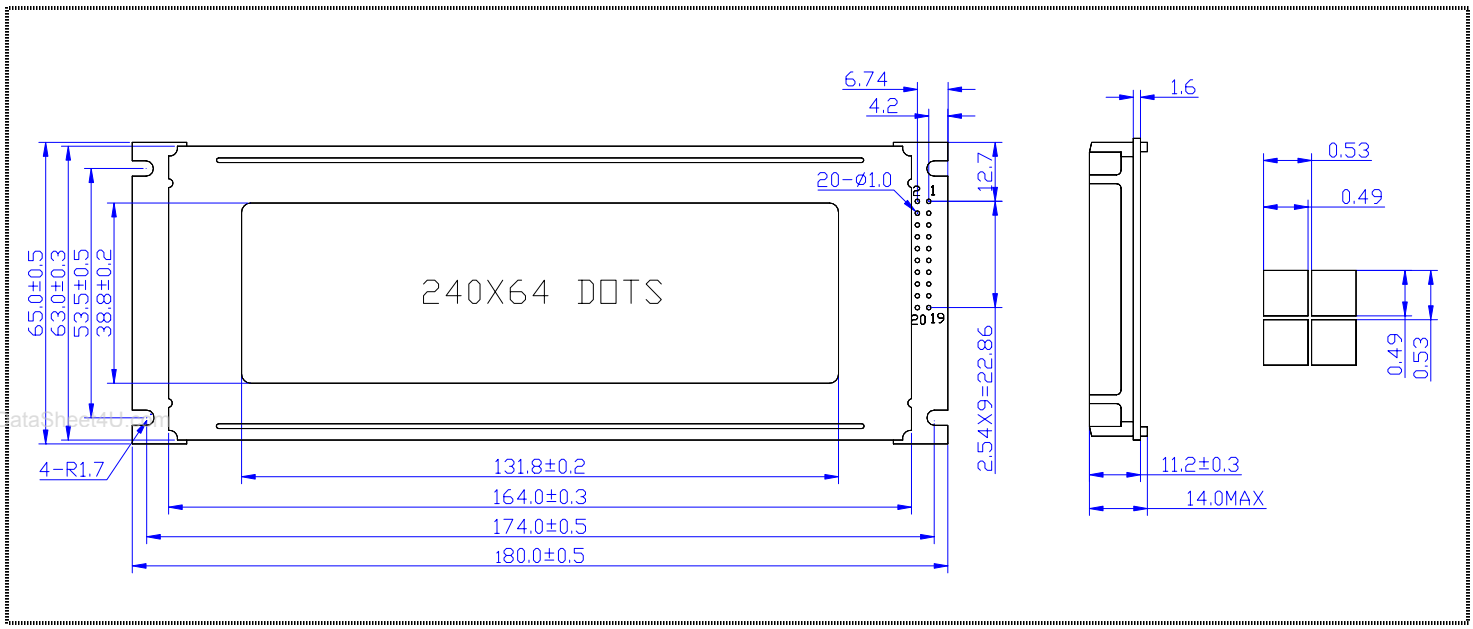


MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W×H×T)	180.0×65.0×14.0	mm
Viewing Area(W×H)	131.8×38.8	mm
Dot Pitch(W×H)	0.53×0.53	mm
Dot Size(W×H)	0.49×0.49	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.5	5.0	5.5	V
Operating Current	IDD	2.5	3.2	4.0	mA
LED Voltage	V_{LED}	4.5	5.0	5.5	V
LED Current	I_{LED}	220	250	300	mA
Operating Temp.	Topr	-10	—	+55	℃
Storage Temp.	Tsto	-20	—	+65	℃

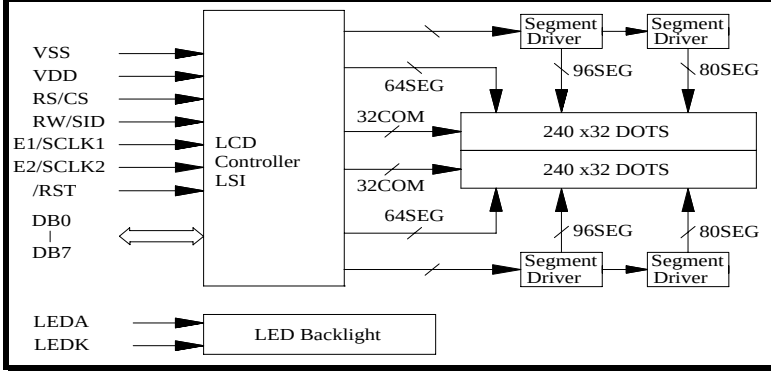
ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V_{IH}	0.7VDD	—	VDD	V
Input Low Voltage	V_{IL}	0	—	0.6	V
Output Hight Voltage	V_{OH}	0.8VDD	—	VDD	V
Output Low Voltage	V_{OL}	0	—	0.4	V

PIN CONNECTIONS

PIN	Symbol	Level	Function
1	FG	—	GND(0V)
2	GND	—	GND(0V)
3	VDD	—	Supply Voltage for Logic(+5V)
4	NC	—	NO Connect
5	RW/SID	H/L	H: Read; L: Write(Parallel)/Data(Serial)
6	E1/SCLK1	H/L	Upper Screen: Enable Signal(Parallel)/ Serial Clock
7	E2/SCLK2	H/L	Under Screenr:Enable Signal(Parallel)/ Serial Clock
8	RS/CS	H/L	H: Data；L: Instruction Code/Chip select
9	NC	—	NO Connect
10	/RST	L	Reset Signal (Active LOW)
11	DB0	H/L	Data Bus Line
12	DB1	H/L	
13	DB2	H/L	
14	DB3	H/L	
15	DB4	H/L	
16	DB5	H/L	
17	DB6	H/L	
18	DB7	H/L	
19	LEDK	—	Backlight Power (0V)
20	LEDA	—	Backlight Power (+5V)

BLOCK DIAGRAM



POWER SUPPLY