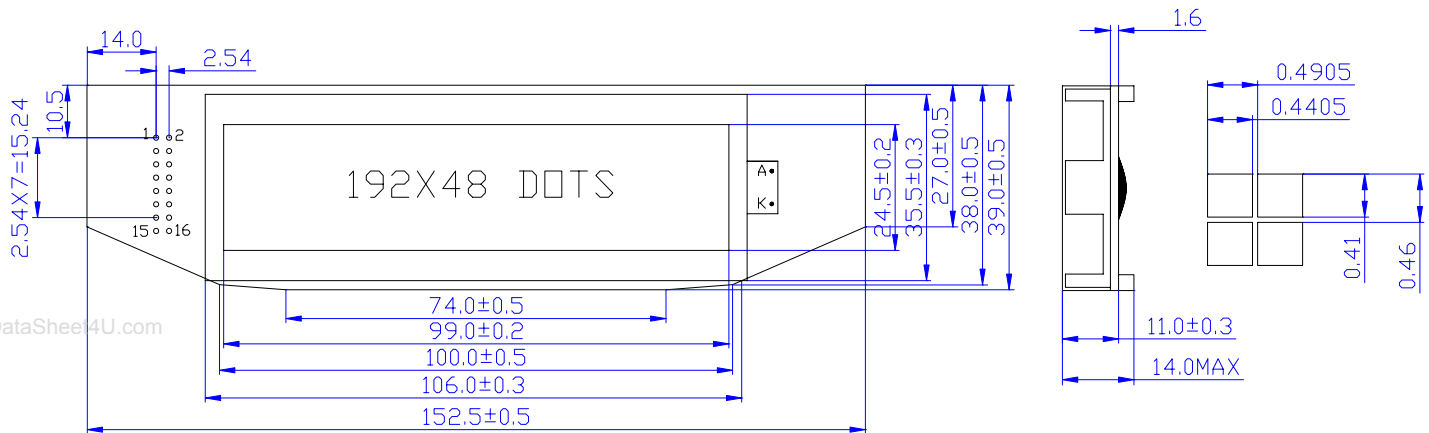


RT19248-2.1A

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MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W×H×T)	152.5×39.0×14.0	mm
Viewing Area(W×H)	99.0×24.5	mm
Dot Pitch(W×H)	0.4905×0.46	mm
Dot Size(W×H)	0.4405×0.41	mm

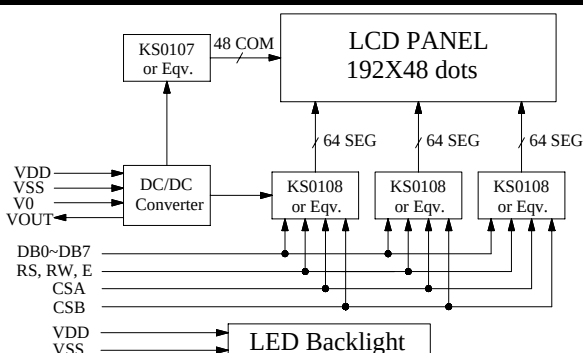
ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.5	5.0	5.5	V
Operating Current	IDD	6.5	8.1	9.5	mA
LED Voltage	V _{LED}	4.5	5.0	5.5	V
LED Current	I _{LED}	60	98	130	mA
Operating Temp.	Topr	-10	—	+65	°C
Storage Temp.	Tsto	-30	—	+80	°C

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V _{IH}	0.7VDD	—	VDD	V
Input Low Voltage	V _{IL}	0	—	0.3VDD	V
Output Hight Voltage	V _{OH}	2.4	—	VDD	V
Output Low Voltage	V _{OL}	0	—	0.4	V

BLOCK DIAGRAM



PIN CONNECTIONS

PIN	Symbol	Level	Function
1	VSS	—	GND(0V)
2	VDD	—	Supply Voltage for Logic(+5V)
3	V0	—	Power Supply for LCD
4	RS	H/L	H: Data ; L: Instruction Code
5	RW	H/L	H: Read; L: Write
6	E	H/L	Enable signal
7	DB0	H/L	Data Bus Line
8	DB1	H/L	
9	DB2	H/L	
10	DB3	H/L	
11	DB4	H/L	
12	DB5	H/L	
13	DB6	H/L	
14	DB7	H/L	
15	CSA	H/L	Chip Selection: CSA=0,CSB=0:U5;
16	CSB	H/L	CSA=1,CSB=0:U4; CSA=0,CSB=1:U3;

POWER SUPPLY

