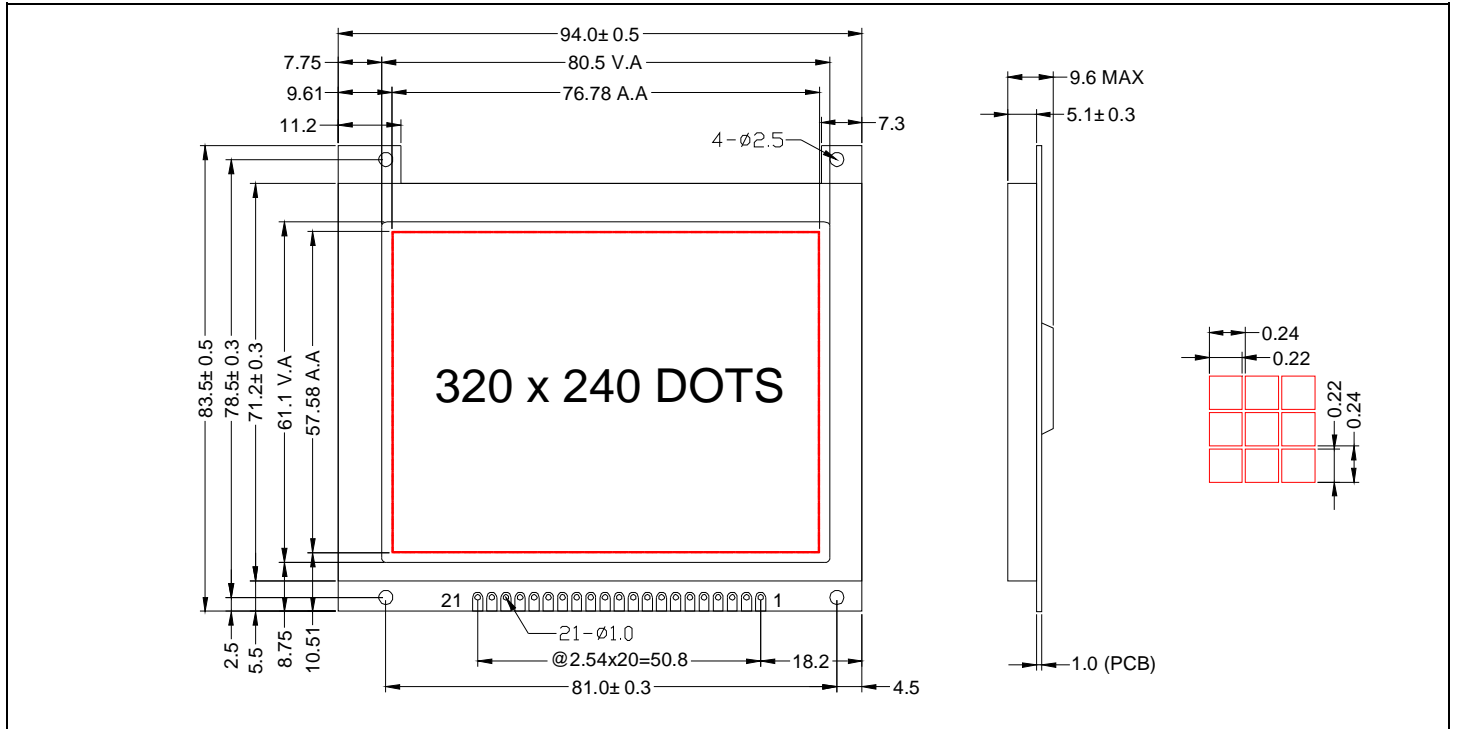


320 x 240 dots + white LED backlight



ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	VDD-VSS	-0.3	7.0	V
Supply Voltage(LCD)	VDD-VO	-0.3	40.0	V
Input Voltage	VI	-0.3	VDD+0.3	V
Operating Temp.	T _{opr}	-20	70	°C
Storage Temp.	T _{stg}	-30	80	°C

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W x H x T)	94.0 x 83.5 x 9.6	mm
Viewing Area(W x H)	80.5 x 61.1	mm
Dot Pitch(W x H)	0.24 x 0.24	mm
Dot Size(W x H)	0.22 x 0.22	mm
Weight	Approx. 100	g

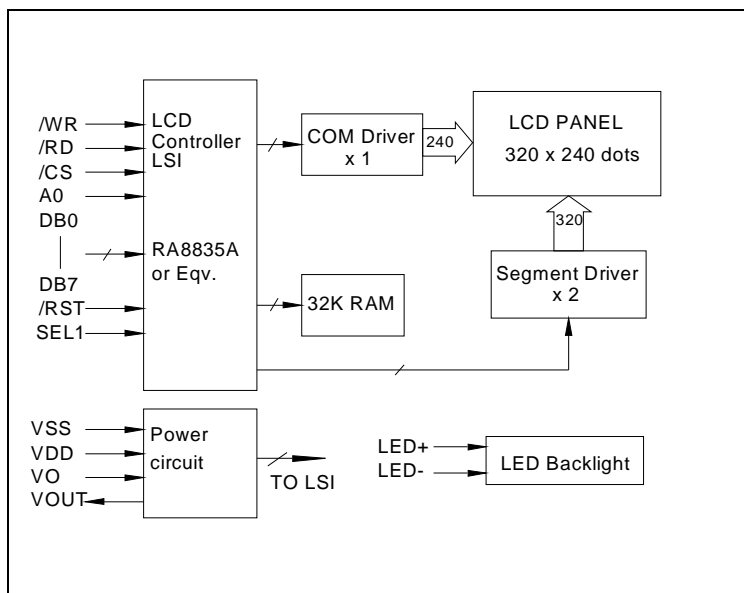
ELECTRICAL CHARACTERISTICS (VDD=5V±5%)

Item	Symbol	TEST Condition	Min.	Typ.	Max.	Unit
Input High Voltage	VIH	--	0.5VDD	--	VDD	V
Input Low Voltage	VIL	--	0	--	0.2VDD	V
Output High Voltage	VOH	IOH=4.0mA	VDD-0.4	--	--	V
Output Low Voltage	VOL	IOL=-2.0mA	--	--	0.4	V
Supply Current	IDD	VDD=5.0v	--	25	50	mA
LCD Driving Voltage	VO-VSS	T _a =25°C	--	22.2	--	V

PIN CONNECTIONS

PIN	Symbol	Level	Function
1	SEL1	H/L	H: 8080MPU L: 6800MPU
2	/RST	L	Reset signal, active "L"
3	/RD	H,H→L	8080 MPU: Read signal
4	/WR	H/L	8080 MPU: Write signal
5	A0	H/L	Data type selection
6	/CS	L	Chip enable signal, active "L"
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	VDD	+5V	Power supply for logic
16	VO	--	Contrast adjusting
17	VOUT	+27V	Output voltage for LCD driving
18	VSS	0V	GND
19	LED-	0V	Power supply for LED backlight
20	LED+	+5V	
21	E-LED	H/L	Backlight Enable

BLOCK DIAGRAM



LED BACKLIGHT SPECIFICATIONS(T_a=25°C)

Item	Symbol	Typ.	Max.	Unit
Forward Voltage	V _f	3.1	3.3	V
Forward Current	I _f	90	--	mA
LED Color		White		