

YT-320240AB5

● Specifications

Display format :

320× 240dots

Driving duty : 1/240D

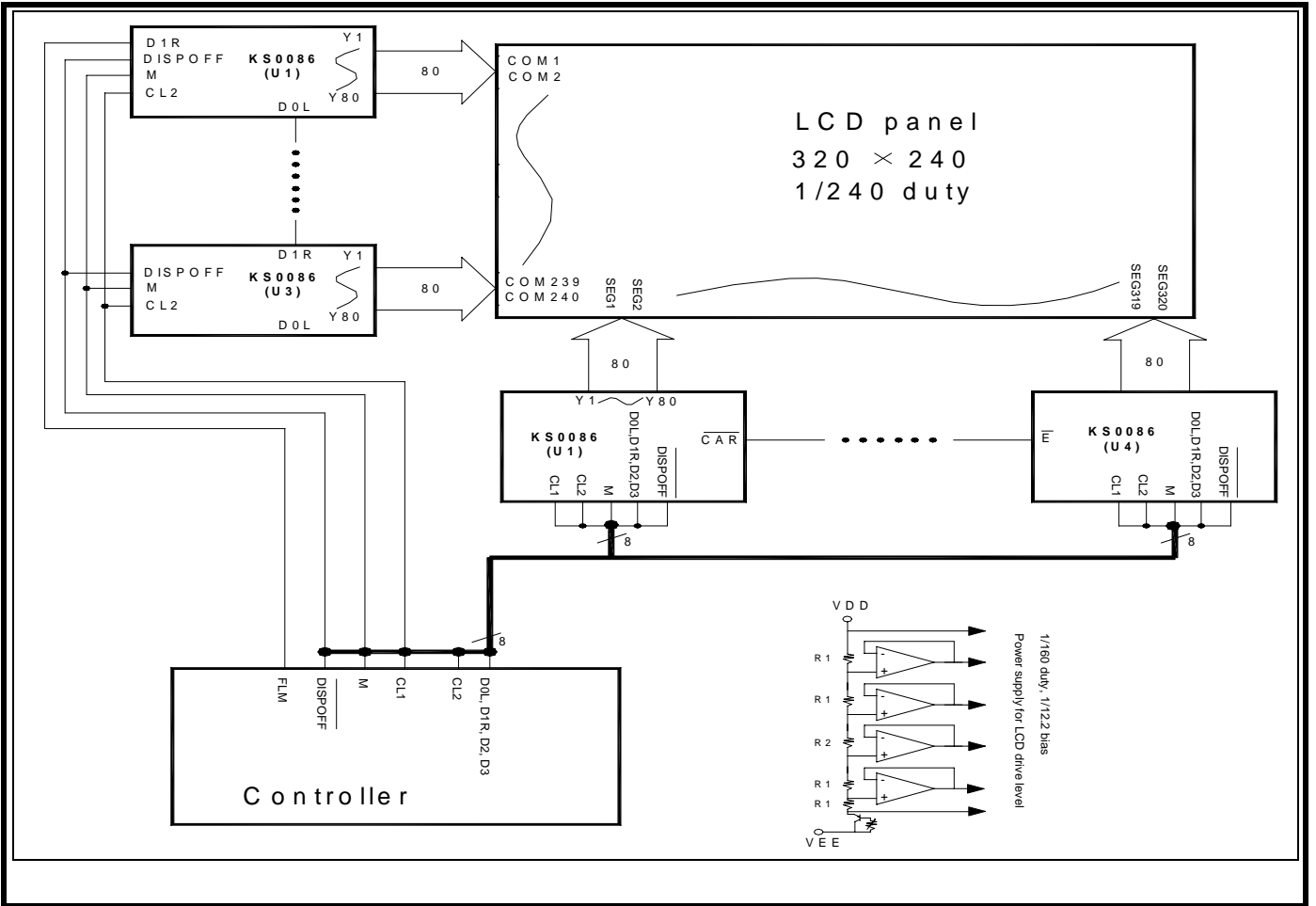
Provided version :

Yellow, Gray or B/W modes STN

Reflective , With Backlight

EL/100VAC,400Hz; LED/5VDC,CCFL/5V

● Block Diagram



● **Absolute Max Ratings**

Item	Symbol	Condition	Standard Value		Unit
			Min.	Max.	
Supply Voltage for Logic	$V_{DD}-V_{SS}$	Ta=25°C	0	6.7	V
Supply Voltage for LCD	$V_{DD}-V_{EE}$		-	18.0	V
Input Voltage	V_I		0	V_{DD}	V
Operating Temperature	Top	-	-20	70	°C
Storage Temperature	Tstg	-	-20	70	°C

● **Electrical Characteristics (Ta=25°C, V_{DD}=5.0V±0.25V, V_{EE}=-10.00V)**

Item	Symbol	Condition	Standard Value			Unit	
			Min.	Typ.	Max.		
Supply Voltage for	Logic	$V_{DD}-V_{SS}$	-	4.75	5.0	7.0	V
	LCD	$V_{DD}-V_{EE}$	-	23.0	25.0	28.0	V
Supply Current for	Logic	I_{DD}	-	-	12.0	-	mA
	LCD	I_{EE}	-	-	5.0	-	mA
Input Voltage	'H' Level	V_{IH}	High Level	$0.7V_{DD}$	-	V_{DD}	V
	'L' Level	V_{IL}	Low Level	0	-	$0.3V_{DD}$	V

● **Interface Pin Connection**

Pin No.	Symbol	Description
1	/RST	Input for reset signal
2	/RD	Read signal input
3	/WR	Write signal input
4	/CS	Chip select signa
5	A0	Data type Selection
6	DB0	Data type select
7	DB1	Data type select
8	DB2	Data type select
9	DB3	Data type select
10	DB4	Data type select
11	DB5	Data type select
12	DB6	Data type select
13	DB7	Data type select
14	V_{DD}	$V_{DD}-V_{SS}$: Power supply for logic circuit and LCD(5V)
15	VSS	0V (GND)
16	VOUT	Supply voltage for LCD(-23V---28V)
17	V0	Contrast Adjustment input
18	DCLK	Serial Clock (NC 已屏蔽)

Pin No.	Symbol	Description
19	DOUT	Data output (NC 已屏蔽)
20	DIN	Data in (NC 已屏蔽)
21	CS	Chip Select (NC 已屏蔽)
22	IRQ	Interrupt for Touch panel driver (NC 已屏蔽)
23	LEDA	LED5V
24	LEDK	LED-