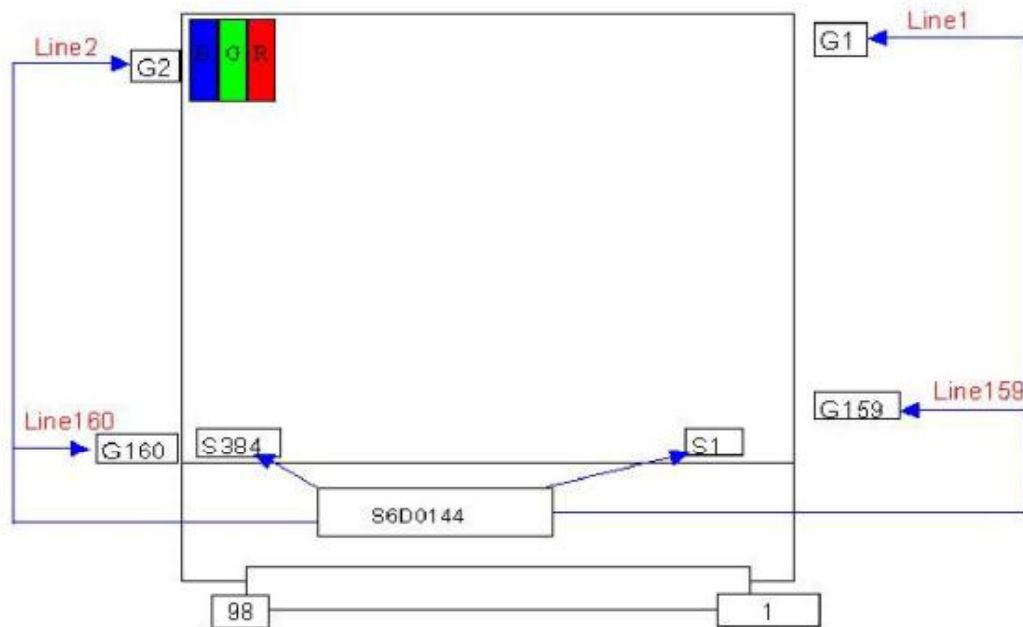


[illegible]

LCD PIN	IC PIN
C1 – C160	G1-G160
S1 – S384	S1 – S384

2.0 BLOCK DIAGRAM



3.0 MECHANICAL SPECIFICATIONS

ITEM	CONTENT	UNIT
DOTS NUMBER	128(RGB)x160	DOTS
MODULE DIMENSION	34.0(w)*61.48(h)*2.5(t) Max	mm
ACTIVE AREA	28.032(w)*35.04(h)	mm
DOT SIZE	0.219(w)*0.219(h)	mm

4.0 ELECTRO-OPTICAL CHARACTERISTICS

Item		Symbol	Conditions	Specifications			Unit	Note
				Min.	Typ.	Max.		
Transmittance		T%	Viewing normal angle $\theta_X = \theta_Y = 0^\circ$	-	6.5	-	%	All left side data are based on CMO's following condition -- Type 6 NTSC: 58% LC: 5066 Light : C light (Machine:BM5A) Polarizer without DBEF Reference Only
Contrast Ratio		CR		150	250	-	--	
Response Time		T _R		-	10	20	ms	
		T _F		-	20	30	ms	
Chromaticity	Red	X _R		0.611	0.641	0.671		
		Y _R		0.315	0.345	0.375		
	Green	X _G		0.266	0.296	0.326		
		Y _G		0.554	0.584	0.614		
	Blue	X _B		0.102	0.132	0.162		
		Y _B		0.106	0.136	0.166		
	White	X _W		0.279	0.309	0.339		
		Y _W		0.318	0.348	0.378		
Viewing Angle	Hor.	θ_{X+}	Center CR $\geq$ 10	-	45		deg.	
		θ_{X-}		-	45			
	Ver.	θ_{Y+}		-	35			
		θ_{Y-}		-	15			

5.0 ELECTRONIC CHARACTERISTICS

ITEM	SYMBOL	STANDARD VALUE		UNIT
		MIN	MAX	
Logic supply voltage	V _{DD1}	-0.3	+3.3	V
Operating Temperature	Top	-10	+70	℃
Storage Temperature	Tst	-30	+80	℃

6.0 PINS DESCRIPTION

Pin No.	Symbol	Description
1	GND	Ground
2	LCD_VDD	Power Supply Pin :+3.0V
3	CSB	L:Chip Selected H:Chip Unselected
4	RESRETB	Reset: L: Enable; H: Disable
5	RS	L:Index/Status;H:Control
6	WRB	80 Interface:Write L:Enable;H:Disable
7	NC/RDB	80 Interface:Read:L:Enable H:Disable
8-23	DB0-DB15	Data Bus
24	LEDA	Led Anode
25	LEDK	Led Cathode
26	GND	Ground

Remark

1. LCD option: STN, FSTN .
- 2.Customized module.
3. Backlight option: EL backlight feature, other specs not available on catalog is under request.