



FEATURE

1. STN, Positive, Transflective
2. IC: Samsung S6B1713B01-03X0
3. 1/64Duty, 1/9Bias, 6 O'clock
4. Backlight: EL(Blue-Green), Display dot: Blue, Background: Gray

Pin NO	Symbol	Pin NO	Symbol	Pin NO	Symbol
1	NC	25	TEST1	49	V2
2	FRS	26	TEST2	50	V3
3	M	27	VDD	51	V4
4	CL	28	DUTY0	52	VSS
5	DIPS	29	DUTY1	53	BSTS
6	VSS	30	VSS	54	DCDC5B
7	CS1B	31	MS	55	VDD
8	CS2	32	CLS	56	HPM
9	VDD	33	VDD	57	INTRS
10	RESEB	34	MI	58	VSS
11	RS	35	PS	59	TEMPS
12	VSS	36	VSS	60	VDD
13	RW_WR	37	VDD	61	NC
14	E_RD	38	VOUT		
15	VDD	39	C3+		
16	DB0	40	C3-		
17	DB1	41	C1+		
18	DB2	42	C1-		
19	DB3	43	C2+		
20	DB4	44	C2-		
21	DB5	45	VSS		
22	DB6-SCLK	46	VR		
23	DB7-SID	47	V0		
24	VSS	48	V1		

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	59.0(W) x 87(H) x 3.0MAX(T)	mm
Viewing Area	54.0(W) x 49.0(H)	mm
Dot Size	0.34(W) x 0.66(H)	mm
Dot Pitch	0.37(W) x 0.69(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.3	-	+7.0	V
Input Voltage	VIN	-0.3	-	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH		0.8VDD	-	VDD	V
	VIL		VSS	-	0.2VDD	
Output Voltage	VOH		0.8VDD	-	-	V
	VOL		VSS	-	0.1VDD	
Supply Current	IDD	VDD=5.0V		0.59	3	mA
Supply Voltage For Logic	VDD-VSS		2.4	3.3	5.5	V
Supply Voltage For LCD	Vop=V0 -VSS	Ta=25°C		9.5	-	V