



PIN NAME

PIN	NAME	PIN	NAME
1	C68	15	D6
2	V0	16	D5
3	V4	17	D4
4	V3	18	D3
5	V2	19	D2
6	V1	20	D1
7	C2-	21	D0
8	C2+	22	/RD
9	C1+	23	/RW
10	C1-	24	RS
11	C3+	25	/RST
12	VOUT	26	/CS1
13	VSS	27	
14	VDD	28	

- NOTES:
1. DISPLAY TYPE: FSTN
 2. VIEW DIRECTION: 0° CLOCK
 3. POLARIZER TYPE: TRANSMISSIVE/NEGATIVE
 4. DRIVE METHOD: 1/65DUTY 1/9BIAS
 5. LCD DRIVING VOLTAGE: 3.9V
 6. LOGIC SUPPLY VOLTAGE: 3.0V
 7. OPERATING TEMP: -10°C~+60°C
 8. STORAGE TEMP: -20°C~+70°C
 9. CONTROLLER IC: S6B0724A01-B0CY
 10. CONNECTOR: PPC

FEATURE

1. FSTN, Negative, Transmissive
2. IC: Samsung S6B0724A01-B0CY
3. 1/65 Duty, 1/9 Bias, 6 O'clock.
4. Backlight: NA, Display dot: White, Background: Black

Black

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12	VOUT	27	/CS1
13	VSS		
14	VDD		
15	D7		

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	31.0(W) X 35.0(H) X 1.8(T)	mm
Viewing Area	28(W) X 18(H)	mm
Dot Size	0.183(W) X 0.215(H)	mm
Dot Pitch	0.203(W) X 0.235(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Logic Power Supply	VDD-VSS	-0.3		7	V
Supply Voltage For LCD Drive	Vo-VSS	-0.3		+17.0	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	Typ	max	
Logic Supply Voltage	VDD-VSS	Ta=0~50°C	2.4	3.0	3.6	V
Supply Voltage For LCD Drive	Vo-VSS	Ta=25°C	8.6	8.9	9.2	V
Input Voltage	VIH	H Level	0.8VDD	-	VDD	V
	VIL	L Level	VSS	-	0.2VDD	
Current Consumption	IDD	VDD=3.0V±5%	-	0.21	1.0	mA