

KG096064F (96 DOTS × 64 DOTS)

FEATURES

- ◆ BUILT-IN CONTROLLER (SSD1815 OR EQUIVALENT)
- ◆ +2.7V POWER SUPPLY
- ◆ 1/64 DUTY CYCLE
- ◆ 8-BIT PARALLEL INTERFACE
- ◆ 3.3V LED FORWARD VOLTAGE

MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W × H × T)	34.6×77×4.8	mm
Viewing Area (W × H)	25.9×15.5	mm
Active Area (W × H)	21.1×14.06	mm
Dot Size (W × H)	0.2×0.2	mm
Dot Pitch (W × H)	0.72×0.22	mm

INTERFACE PIN CONNECTIONS

NO.	SYMBOL	FUNCTION
1	VDD	2.7V
2	C86	6800 or 8080 Interface
3	VSS	0V
4~8	VL6~VL2	LCD Driving Voltage Levels
9~13	C2P~C3N	Internal DC-DC Voltage Converter
14	VEE	Most Negative Voltage Supply
15	VSS	0V
16~23	D7~D0	Data Bus Line
24	E/RD	Enable Signal
25	R/W	Read/Write
26	D/C	Data/Command Control
27	/RES	Reset Input
28	/CS1	Chip Select

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	V _{DD}	0	-	4	V
Supply Voltage	V _{EE}	0	-	-12	V
Supply Voltage For LCD	V _{LCD}	0	-	9.2	V
Input Voltage	V _{IN}	V _{SS}	-	V _{DD}	V

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	CONPITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	V _{DD} -V _{SS}	-	-	2.7	-	V
Supply Voltage For LCD	V _{LCD}	V _{DD} =2.7V, Ta=25°C	8.8	9.0	9.2	V
Supply Current For LCD	I _{DD}	V _{DD} =2.7V	-	-	60	mA
Input Voltage	"HIGH" Level	V _{IH}	-	2.2	-	V _{DD} V
	"LOW" Level	V _{IL}	-	0	-	0.6 V
Output Voltage	"HIGH" Level	V _{OH}	-	2.4	-	V _{DD} V
	"LOW" Level	V _{OL}	-	0	-	0.4 V

EXTERNAL DIMENSIONS

