

KG128064C-K (128 DOTS × 64 DOTS)

FEATURES

- ◆ BUILT-IN CONTROLLER (NT7532 OR EQUIVALENT)
- ◆ +3.3V POWER SUPPLY
- ◆ 1/64 DUTY CYCLE
- ◆ 8-BIT PARALLEL OR SERIAL INTERFACE

INTERFACE PIN CONNECTIONS

NO.	SYMBOL	FUNCTION
1	P/S	Parallel or Serial Data Input
2	C86	6800 or 8080 Interface
3	VR	Contrast Adj.
4~8	V0~V4	LCD Driving Voltage Levels
9~12	C2N~C1N	Internal DC/DC Voltage Converter
13	VOUT	DC/DC Voltage Converter
14	VSS	0V
15	VDD	3.3V
16~23	D7~D0	Data Bus Line
24	E/RD	Enable Signal
25	RD/WR	Read/Write
26	A0	Data Type Select Signal
27	/RES	Reset Input
28	/CS	Chip Select

MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W × H × T)	42.5×101.8×2.1	mm
Viewing Area (W × H)	39.5×20.8	mm
Active Area (W × H)	31.97×15.97	mm
Dot Size (W × H)	0.22×0.22	mm
Dot Pitch (W × H)	0.25×0.25	mm

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	V _{DD}	0	-	3.6	V
Supply Voltage For LCD	V _{LCD}	0	-	8.7	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}	-	-	3.3	-	V
Supply Voltage For LCD	V _{LCD}	V _{DD} =3.3V, Ta=25°C	8.3	8.5	8.7	V
Supply Current For LCD	I _{DD}	V _{DD} =3.3V	-	-	2	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

