

### Part number list

BG12832C□□□□□\$

### Feature

1. Built-in controller NT7108 or equivalent
2. Built-in oscillation
3. +5V power supply and negative voltage for LCD
4. 6800 interface

### Pin Assignment

Pin	Symbol	Function
1	Vdd	Supply voltage for logic
2	Vss	GND
3	V <sub>LC</sub>	Supply voltage for LCD
4~11	DB0~7	Data bus line
12	CS	Chip select, active low
13	RST	Reset signal, active low
14	R/W	H: Read(MPU←Module) L: Write(MPU→Module)
15	D/I	H: Data, L: Instruction
16	E	Enable signal, active high
17	FGND	Frame ground
18	NC	No connection
19	LEDA	Power supply for B/L (+)
20	LEDB	Power supply for B/L (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	75.00 x 41.5	mm
Active Area	55.01 x 16.29	mm
Dot Pitch	0.43 x 0.51	mm
Dot Size	0.40 x 0.48	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	12.8	V

### Mechanical Drawing

