

### Part number list

BG160128B□□□□□\$

SG160128A□□□-□□-□□-□

### Feature

1. Bulit-in controller SAP1024B or equivalent
2. Bulit-in oscillation
3. +5V single power supply
4. 8080 interface
5. (Option) Bulit-in Negative voltage

### Pin Assignment

Pin	Symbol	Function
1	FGND	Frame ground
2	Vss	Logic power supply(GND)
3	Vdd	Logic power supply (+5V)
4	Vadj	Contrast Adjustment
5	Vee	Negative voltage output
6	/WR	Data write
7	/RD	Data read
8	/CE	Chip enable
9	C/D	Command/Data read/write
10	/HALT	Clock halt signal
11	/RST	Reset LCD module signal
12~19	DB0~7	Data bus line
20	A	Power supply for B/L (+)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	129.0 x 102.0	mm
Active Area	92.76 x 74.22	mm
Dot Pitch	0.58 x 0.58	mm
Dot Size	0.54 x 0.54	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	18.9	V

### Mechanical Drawing

