

OLED DISPLAY SPECIFICATION



RAYSTAR

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REP012864AJ (RS232)

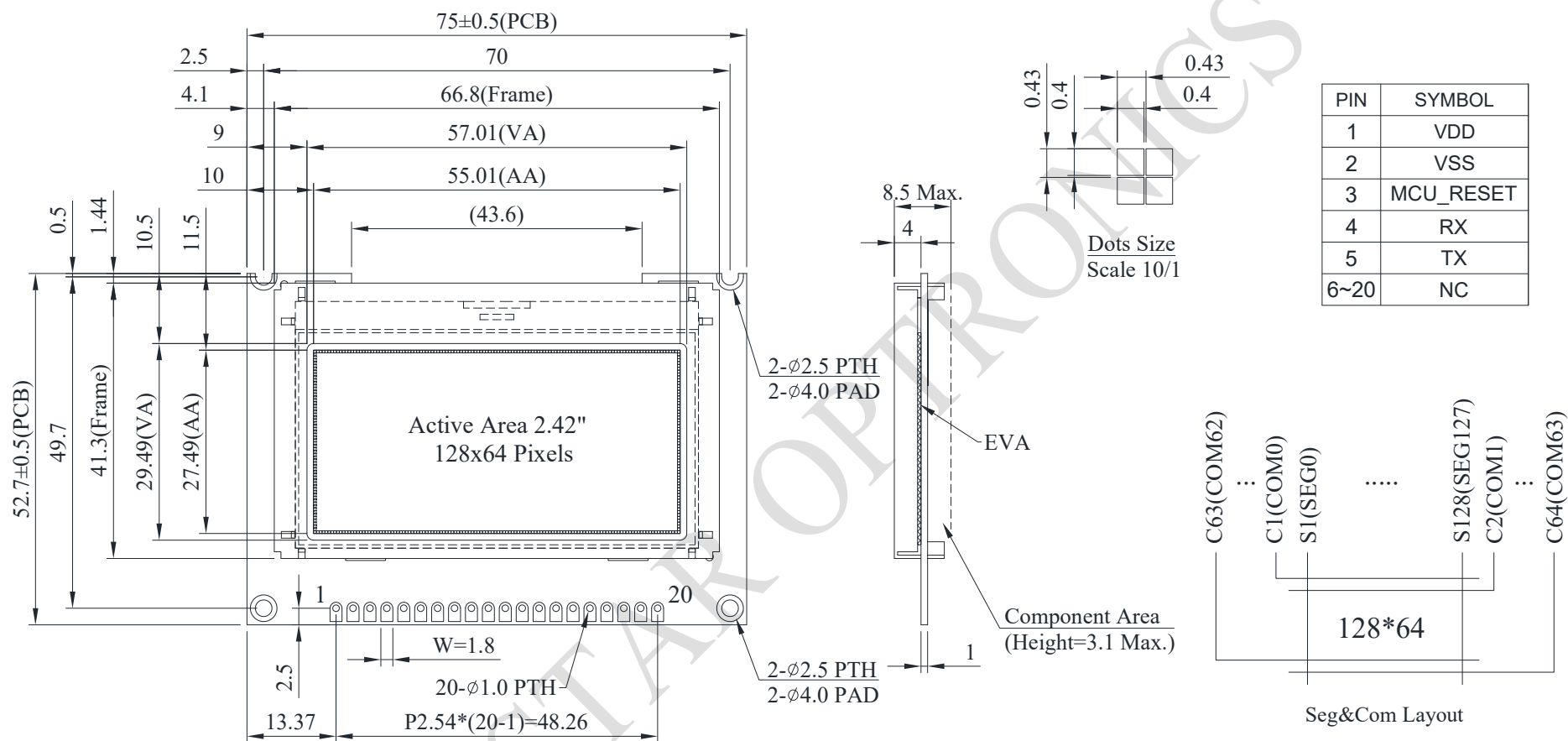
General Specification

- Module dimension: 75.0 × 52.7 × 8.5(Max) mm
- Active area: 55.01 × 27.49mm
- Dot Matrix: 128 × 64
- Dot size: 0.40 × 0.40 mm
- Dot pitch: 0.43 × 0.43 mm
- Display Mode : Passive Matrix
- Duty: 1/64 Duty
- Display Color: Monochrome
- Interface: RS232 (Baud rate:115200)
- IC: CH1116
- SIZE: 2.42 inch

Interface Pin Function

No.	Symbol	Function
1	VDD	Power supply input
2	VSS	Ground.
3	MCU_RESET	MCU hardware reset input.3.3V~5V This pin is not used and should be open.
4	RX	RS-232 Receive
5	TX	RS-232 Transmit
6~20	NC	No connection.

Contour Drawing



The non-specified tolerance of dimension is ±0.3mm.

Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit
Supply Voltage for Logic	VDD	-0.3	8	V
Operating Temperature	TOP	-40	+80	°C
Storage Temperature	TSTG	-40	+85	°C

Electrical Characteristics

DC Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	VDD	—	4.8	5.0	8.0	V
Display 50% Pixel on	IDD	VDD =5V	—	90	180	mA