

# AR-128128M

• 128 x 128 dots 1/128 Duty

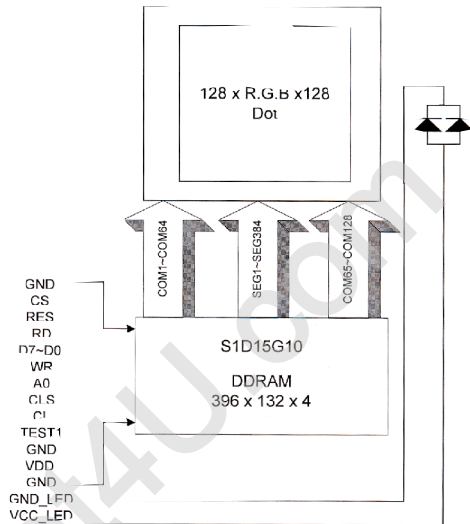
## FEATURE

1. Color-STN 1.7 inch display module for mobile-phones, or handy electrical equipments.
2. 128-dot segment outputs and 128-dot common outputs.
3. 256 colors from 4096-color display or full 4096-color display
4. Partial display function: You can save power by limiting the display space.
5. MPU interface: 8bit 80-serise parallel interface is available.
6. Low current consumption: 3.0mW typ

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## BLOCK DIAGRAM

Display format: Color-STN transfective, negative type  
 Display composition: 128 x RGB x 128 dots  
 Drive system: 4 Line — Multi Line Selection drive (MLS)  
 Back light: White LED x 2 ( Parallel connection)



## ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Condition	Typ. Value	Unit.
LCD Driving Voltage	V3-MV3	25°C	13.65	V
Logic Supply Current	IDD	VDD=3.0V	10	mA

## INTERFACE

1	2	3	4	5	6	7	8	9	10	11
GND	CS	RESET	RD	DB7	DB6	DB5	DB4	DB3	DB2	DB1
12	13	14	15	16	17	18	19	20	21	22
DB0	WR	A0	CLS	CL	TEST1	GND	VDD	GND	GND_LED	VCC_LED

