

AZ DISPLAYS, Inc.

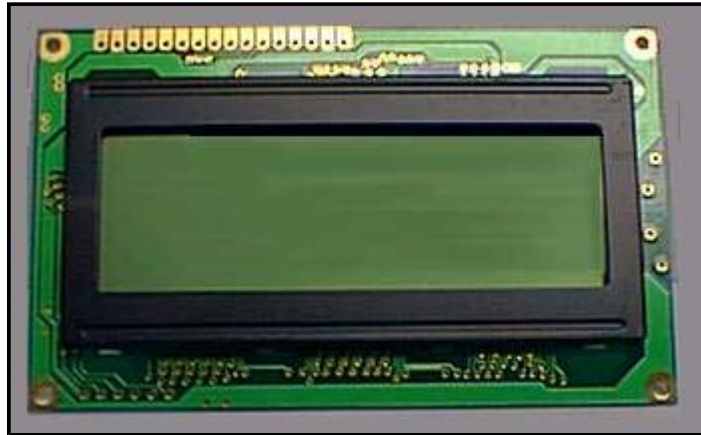
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ACM2004D Series

Features

- 20 Characters x 4 Lines
- 5x7 Dot Matrix Character + Cursor
- HD44780 Equivalent LCD Controller/driver Built-In
- 4-bit or 8-bit MPU Interface



Quick Links: [PDF Specification files](#) | [Request a quotation](#) | [Build Part number](#) | [Check price for ACM2004D Series](#)

Module Specifications and Part Numbering Methodology

Overall Module Size	98.0 (W) x 60.0 (H) x 9.5/14.0 mm (D) for LED backlight version
Viewing Area	76.0 (W) x 25.2 mm (H)
Character Size	2.95 (W) x 4.75 mm (H)
Dot Size	0.55 (W) x 0.55 mm (H)
Duty	1/16
Control IC	Samsung KS0066

Options for ACM2004D Series

Click on options below to create your AZ DISPLAYS Part Number:

1. Polarizer Options

- R** = Reflective
 F = Transflective
 M = Transmissive
 N = Transmissive, Negative

2. Backlight Options

- N** = No Backlight
 L = Yellow LED Backlight
 LW = White LED Backlight

3. LC Fluid Options

- T** = TN
 G = Gray Mode STN
 B = Blue Mode STN
 Y = Yellow Mode STN

LG = Green LED
Backlight

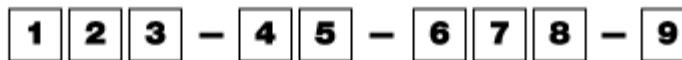
4. Viewing Directions Options

- B = Bottom View
 T = Top View

5. Temperature Range Options

- S = Standard Temp. Range (0~50°C)
 H = Wide Temp. Range (-20~70°C)
 W = Wide temperature range
requiring single supply voltage

Create Part Number and check price

MODULE PART NUMBERING SYSTEM

1	Module Type	AGM = AZ Displays Graphic Module ACM = AZ Displays Character Module
2	Module Format	1602 = 16x2 2004 = 20X4 4002 = 40x2 2464 = 240x64 3224 = 320x240 1264 = 128x64
3	Design Version	A through ZZ for different PCB sizes controller IC's, etc. (Combine with module format to arrive at base model number.)
4	Polarizer Type	R = Reflective M = Transmissive, Positive F = Transflective N = Transmissive, Negative
5	Backlight Type	N = None L = Yellow LED LW = White LED E = EL C = CCFT
6	Fluid Type	T = TN B = Blue mode STN Y = Yellow mode STN G = Gray mode STN F = FSTN (Film-compensated STN [B/W])
7	Viewing Direction	B = Bottom View (6 o'clock) T = Top View (12 o'clock) L = Left View (9 o'clock) R = Right View (3 o'clock)
8	Temperature Range And Power Supply	S = Standard temp range requiring single supply voltage D = Standard temp range requiring dual supply voltages W = Wide temp range requiring single supply voltage H = Wide temp range requiring dual supply voltages
9	Options	T = Touch Screen

ACM 1602M - R N - Y B S - T
1 2 + 3 4 5 6 7 8 9

- | | |
|---------------------------|--|
| 1 = Character Module | 6 = Yellow Mode STN |
| 2 + 3 = Base Model Number | 7 = Bottom View |
| 4 = Reflective Polarizer | 8 = Standard Temp Range with Single Supply Voltage |
| 5 = No Backlight | 9 = Options |

What you can do next:

- We are offering the following specification files for downloading in PDF Format:
 - [acm2004d.pdf](#) (68 KB)
- [Request full product catalog via mail](#)
- [Request a quotation](#)

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