

<Color TFT-LCD Module>
AA050MH01

 5.0 inch WVGA
 FOR INDUSTRIAL USE

AA050MH01


FEATURES

Super Wide Viewing Angle (-88~88° ; H, V)

High Contrast Ratio 1000:1

Wide Operation Temperature Range (-30~80°C)

ITEM	SPECIFICATION
Display Area (mm)	108.0(H) × 64.8(V) (5.0-inch diagonal)
Number of Dots	800 × 3 (H) × 480 (V)
Pixel Pitch (mm)	0.135(H) × 0.135 (V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	Normally black
Number of Color	16.7M(8 bit/color)
Luminance (cd/m ²)	500
Viewing Angle (CR ≥ 10)	-88~88° (H), -88~88° (V)
Surface Treatment	Clear and hard-coating 2H
Electrical Interface	CMOS
Module Size (mm)	118.5(W) × 77.8(H) × 3.9(D) *)
Module Mass (g)	76
Backlight Unit	Edge-light, LED

*) W/O FPC

Characteristic value without any note is typical value.

AA050MH01

5.0 inch WVGA
FOR INDUSTRIAL USE

Keep safety first in your circuit designs!

Mitsubishi Electric Corporation puts the maximum effort into making semiconductor products better and more reliable, but there is always the possibility that trouble may occur with them. Trouble with semiconductors may lead to personal injury, fire or property damage. Remember to give due consideration to safety when making your circuit designs, with appropriate measures such as (i) placement of substitutive, auxiliary circuits, (ii) use of non-flammable material or (iii) prevention against any malfunction or mishap.

Notes regarding these materials

- These materials are intended as a reference to assist our customers in the selection of the Mitsubishi semiconductor product best suited to the customer's application; they do not convey any license under any intellectual property rights, or any other rights, belonging to Mitsubishi Electric Corporation or a third party.
- Mitsubishi Electric Corporation assumes no responsibility for any damage, or infringement of any third-party's rights, originating in the use of any product data, diagrams, charts, programs, algorithms, or circuit application examples contained in these materials.
- All information contained in these materials, including product data, diagrams, charts, programs and algorithms represents information on products at the time of publication of these materials, and are subject to change by Mitsubishi Electric Corporation without notice due to product improvements or other reasons. It is therefore recommended that customers contact Mitsubishi Electric Corporation or an authorized Mitsubishi Semiconductor product distributor for the latest product information before purchasing a product listed herein.
The information described here may contain technical inaccuracies or typographical errors. Mitsubishi Electric Corporation assumes no responsibility for any damage, liability, or other loss rising from these inaccuracies or errors.
Please also pay attention to information published by Mitsubishi Electric Corporation by various means, including the Mitsubishi Semiconductor home page (<http://www.MitsubishiElectric.com/>).
- When using any or all of the information contained in these materials, including product data, diagrams, charts, programs, and algorithms, please be sure to evaluate all information as a total system before making a final decision on the applicability of the information and products. Mitsubishi Electric Corporation assumes no responsibility for any damage, liability or other loss resulting from the information contained herein.
- Mitsubishi Electric Corporation semiconductors are not designed or manufactured for use in a device or system that is used under circumstances in which human life is potentially at stake. Please contact Mitsubishi Electric Corporation or an authorized Mitsubishi Semiconductor product distributor when considering the use of a product contained herein for any specific purposes, such as apparatus or systems for transportation, vehicular, medical, aerospace, nuclear, or undersea repeater use.
- The prior written approval of Mitsubishi Electric Corporation is necessary to reprint or reproduce in whole or in part these materials.
- If these products or technologies are subject to the Japanese export control restrictions, they must be exported under a license from the Japanese government and cannot be imported into a country other than the approved destination.
Any diversion or re-export contrary to the export control laws and regulations of Japan and/or the country of destination is prohibited.
- Please contact Mitsubishi Electric Corporation or an authorized Mitsubishi Semiconductor product distributor for further details on these materials or the products contained therein.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [TFT Displays & Accessories category](#):

Click to view products by [Mitsubishi manufacturer](#):

Other Similar products are found below :

[F3ET2-005-150](#) [HDA430T-3G1H](#) [NL6448BC20-21D](#) [NB7W-KBA04](#) [NB-ATT01](#) [NB5Q-ATT01](#) [NB5Q-KBA04](#) [NB-CN001](#) [OAI-80038AA-2008-A](#) [315-U004B15300](#) [UMSH-8596MD-34T \(REV D\)](#) [TCG121WXLRXVNNANX35](#) [EIC-LCD-1080P](#) [T-55619GD065J-LW-ABN](#) [TCG104SVLPEANN-AN30](#) [NL6448BC33-70](#) [NL6448BC20-30D](#) [NL10276BC16-06](#) [NL192108AC10-01D](#) [NL12880BC20-05BD](#) [NL8060BC26-35BA](#) [NL8060BC31-50F](#) [TM070DDHG03-40](#) [NL10276AC30-42C](#) [PTPW16-070WV1S02](#) [PTPW17-070WV1S02](#) [PTPW16-084SV1S02](#) [MTD0300ECP06DF-1](#) [DEM 320240T VMX-PW-N \(A-TOUCH\)](#) [DEM 480128B TMH-PW-N \(A-TOUCH\)](#) [DEM 480272P VMX-PW-N \(C-TOUCH\)](#) [DEM 480272Q VMX-PW-N \(A-TOUCH\)](#) [DEM 480272Q VMX-PW-N \(C-TOUCH\)](#) [DEM 640480E TMH-PW-N \(A-TOUCH\)](#) [DEM 800480K1 TMH-PW-N \(A-TOUCH\)](#) [DEM 800480K1 TMH-PW-N \(C-TOUCH\)](#) [DEM 800480K2 TMH-PW-N \(A-TOUCH\)](#) [DEM 800480K3 TMH-PW-N \(C-TOUCH\)](#) [DEM 800480K4 TMH-PW-N \(A-TOUCH\)](#) [DEM 800480K4 TMH-PW-N \(C-TOUCH\)](#) [4DLCD-35480320-CTP-IPS](#) [4DLCD-35480320-IPS](#) [4DLCD-35480320-RTP-IPS](#) [4DLCD-50800480-CTP-IPS](#) [RFA6400E-AWH-DNG](#) [RFA6400E-AWH-MNN](#) [RFE430V-AZW-DNS](#) [RFF70VA2-1IW-DHS](#) [RFH700A8-AYH-MNN](#) [RFK101VF-1YH-LHG](#)