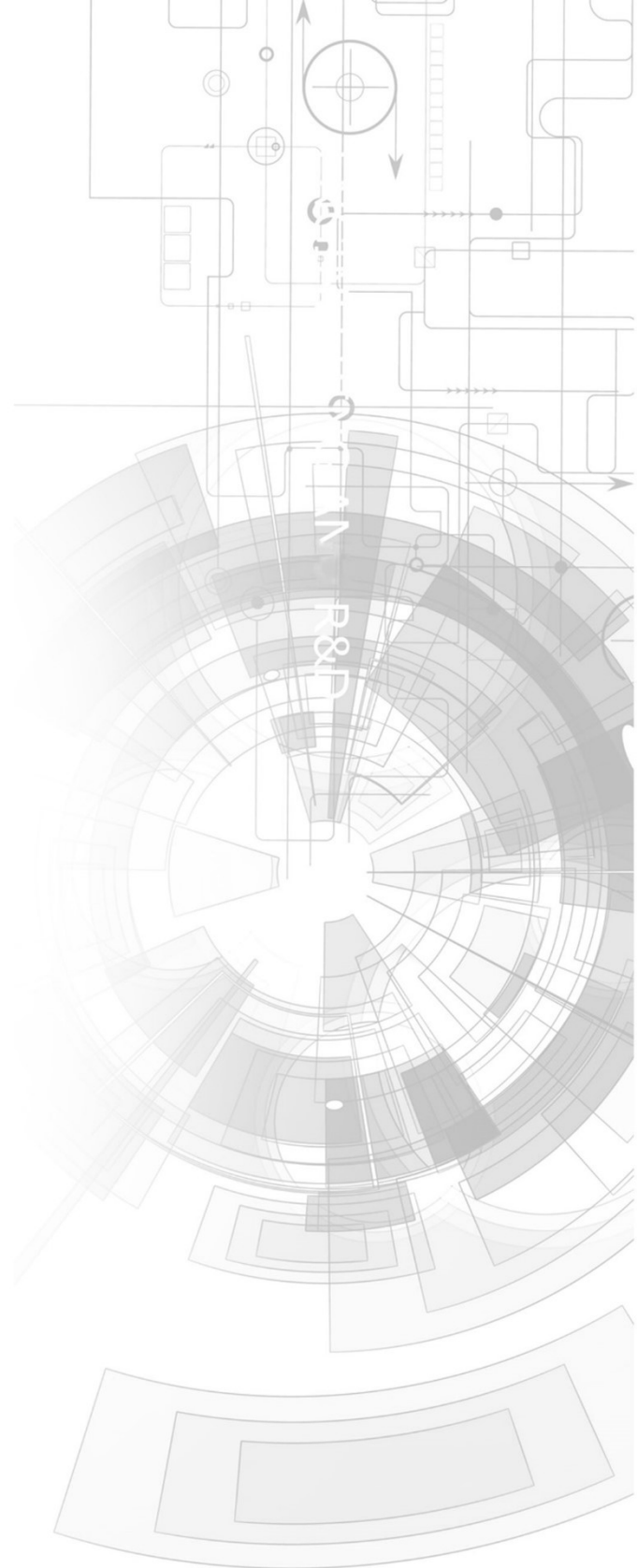


4DLCD-32QA



Datasheet

Revision 1.2

Copyright © 2024 4D Systems

Content may change at any time. Please refer to the resource centre for latest documentation.

Contents

1. Specifications	3
1.1. Mechanical Specifications	0
1.2. Pin Descriptions	0
2. Electrical Specifications	0
2.1. Absolute Maximum Ratings	0
2.2. DC Characteristics	0
2.3. LED Backlight Maximum Ratings	0
3. Optical Characteristics	0
4. Touch Characteristics	0
5. Initialisation Codes	0
5.1. Command Definitions	0
5.2. Init Code	0
6. Quality Testing	0
6.1. Reliability Test	0
6.2. Color Performance	0
7. Precautions for Using LCD Modules	0
7.1. Handling Precautions	0
7.2. Storage Precautions	0
8. Using LCD Modules	0
8.1. Installing LCD Modules	0
8.2. Precautions for Operation	0
8.3. Safety	0
8.4. Return LCM under Warranty	0
9. Revision History	0
10. Legal Information	0
10.1. Proprietary Information	0
10.2. Disclaimer of Warranties & Limitations of Liabilities	0

1. Specifications

General Specifications		
S.No.	Items	Specifications
1	Screen size (inch)	3.2" Diagonal
2	LCD Type	TFT, Normally White, TRANSMISSIVE
3	Colors	65K Colors
4	Display Resolution	240 x RGB x 320
5	Module Outline (mm)	55.04 x 77.7 x 2.4 (W x H x T)
6	Active Area (mm)	48.60 x 64.80 (W x H)
7	Touch Panel Dimension	76.2 x 53.4 x 1.2
8	Viewing Direction	12:00 O' Clock
9	Pixel Arrangement	RGB Vertical Stripe
10	Interface	8080, 8/16 bit CPU Interface
11	Assembly Type	Connector type FPC
12	Driver IC	ILI9341
13	Backlight	6 x White LED
14	Pixel Arrangement	RGB Vertical Stripe

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[4D Systems:](#)

[4DLCD-32QA](#)