



Product Overview

NOM02A4-AR03G: Contact Image Sensor Module, 200 dpi, A4 Size, Red LED, 346 μ s/line

For complete documentation, see the [data sheet](#)

Product Description

The NOM02A4-AR03G contact image sensor (CIS) module integrates a red LED light source, lens and image sensor in a compact housing. The module is designed for document scanning, mark reading, gaming and office automation equipment applications and is suitable for scanning documents up to 216mm wide. An analog video output achieves a scanning rate of 346 μ s/line. The NOM02A4-AR03G module employs proprietary CMOS image sensing technology from ON Semiconductor to achieve high-speed performance and high sensitivity.

Features

- Proprietary active pixel technology
- 346 μ s/line scanning speed
- Two-sided beveled glass
- 216mm scan width, 7.9dpm
- Red LED light source

Benefits

- Excellent SNR and DR
- Fast, 74 pages per min
- Reduced paper jamming
- Supports A4 size documents
- Facilitates high-speed scanning

Applications

- Currency verification
- Document Scanning
- Mark readers, including balotting, test scoring and gaming machines
- Office automation equipment

Part Electrical Specifications

Product	Compliance	Status	Resolution (dpi)	Pixels	Scan Length (mm)	Line Scanning Speed (μ s/line)	Output	Number of Outputs	Light Source Color	f Max (MHz)	Package Type
NOM02A4-AR03G	Pb-free	Active	200	1728	216	346	Analog	1	Red	5	Image Sensor Module A4

For more information please contact your local sales support at www.onsemi.com

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