



## Product Overview

### NOM02B4-DR11G: Contact Image Sensor Module, 200 dpi, B4 Size, Red LED, 410 $\mu$ s/line

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

#### Product Description

The NOM02B4-DR11G 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 256mm wide with a scanning rate of 410 $\mu$ s/line. The analog output signal is processed by a digitizing comparator referenced to an externally supplied voltage level to produce a serial digital output. The NOM02B4-DR11G module employs proprietary CMOS image sensing technology from ON Semiconductor to achieve high-speed performance and high sensitivity.

#### Features

- Proprietary active pixel technology
- 410  $\mu$ s/line scanning speed
- Two-sided beveled glass
- 256 mm scan width, 7.9 dpm
- Red LED light source
- Document alignment wings

#### Benefits

- Excellent SNR and DR
- Fast, 52 pages per min
- Reduced paper jamming
- Supports B4 size documents
- Facilitates high-speed scanning
- Avoids paper jams

#### Applications

- Mark readers including balloting, test scoring and gaming machines
- Document scanning
- Office automation equipment

#### Part Electrical Specifications

Product	Compliance	Status	Resolution (dpi)	Pixels	Scan Length (mm)	Line Scanning Speed ( $\mu$ s/line)	Output	Number of Outputs	Light Source Color	f Max (MHz)	Package Type
NOM02B4-DR11G	Pb-free	Active	200	2048	256	410	Binary	1	Red	5	Image Sensor Module

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015