

## Product Overview

### QRD1114: Reflective Object Sensor

For complete documentation, see the data sheet.

The QRD1113/14 reflective sensor consists of an infrared emitting diode and an NPN silicon photodarlington mounted side by side in a black plastic housing. The on-axis radiation of the emitter and the on-axis response of the detector are both perpendicular to the face of the QRD1113/14. The photodarlington responds to radiation emitted from the diode only when a reflective object or surface is in the field of view of the detector.

### Features

- Phototransistor output
- No contact surface sensing
- Unfocused for sensing diffused surfaces
- Compact package
- Daylight filter on sensor

### Applications

- Medical Electronics/Devices
- Automation
- Test and Measurement
- Building & Home Control

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Output Circuit	$I_{C(on)}$ (mA)	Focus / Non-Focus	Package Type
QRD1114	0.5924	Pb-free	Active	Phototransistor	1	Non-focus	REFLECTIVE RECTANGULAR SENSOR PCB MOUNT

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

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