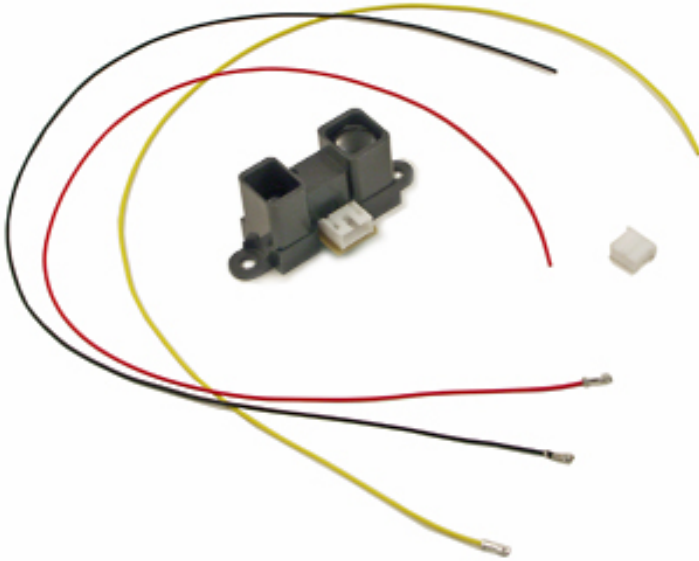


Sharp GP2Y0A02YK0F IR Package R144-GP2Y0A02YK \$14.50

This infrared sensor takes a continuous distance reading and returns a corresponding analog voltage with a range of 20 cm to 150 cm (7.87 in to 59.05 in).



More Details

The GP2Y0A02YK0F has identical electronics to Sharp's GP2D12, but has special optics that give it a much longer detection range. Please view the Technical Specifications for more information.

Specifications	
Operating Supply Voltage	4.5 V to 5.5 V
Operating Supply Current	33 to 50 mA
Output terminal voltage	-0.3 V to 5.3 V
Detection Range	20 cm to 150 cm (7.87 in to 59.05 in)
Typical response time	39 ms
Typical start-up delay	44 ms
Output type	Analog

Package Contents

The sensor package includes a JST 3-pin connector and three pre-crimped wires.

