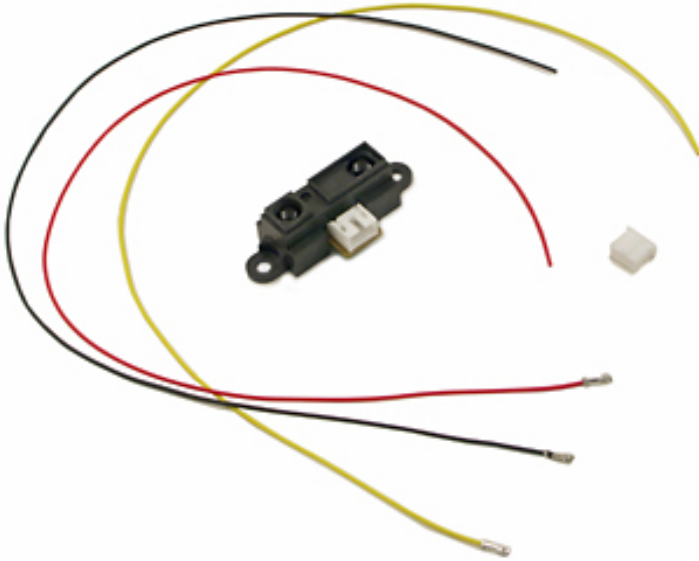


Sharp GP2Y0A21YK0F IR Package R301-GP2Y0A21YK \$14.50

This Sharp infrared sensor takes a continuous distance reading and returns a corresponding analog voltage with a range of 10 cm to 80 cm (4 to 30 in).



More Details

The GP2Y0A21YK ('0A21') is identical to the GP2D12 in range, but the detection area has been increased. The detection diameter at 1/2 the range is 12 cm for the 0A21, compared with 6 cm for the GP2D12.

Specifications	
Supply Voltage	4.5 V to 5.5 V
Operating Supply Current	33 to 50 mA
Output terminal voltage	-0.3V to 5.3V
Detection Range	10 to 80 cm (4 to 30 in)
Typical response time	39 ms
Typical start-up delay	44 ms
Detection Area Diameter @ 80 cm	12 cm (4.72 in)
Output type	Analog

Package Contents

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

