

Product Change Notification

Type of Notification: Product Discontinuance

ISSUE DATE	LAST BUY DATE	NOTIFICATION NO.	LAST SHIP DATE
3-December-2002	20-January-2003	20021202-02	3-June-2003

This is to advise you that the following product(s) have been discontinued.

Product ID (Description): Subminiature, Darlington-Output, High-Sensitivity, Reflective Photointerrupter. Focal Length 1.0 mm

Description of Change: Production line has become obsolete and the total demand has significantly decreased. The GP2L09 Series is 17-years-old.

Effect of Change: Depending on the collector current sort requested, Sharp has a recommended alternative to all the parts in this series that are being discontinued.

Suggested Alternate Devices and/or Manufacturers: GP2L09A has a collector current sort of 0.5 mA to 1.9 mA. We recommend using one of the other Sharp GP2L24 collector current sorts. The GP2L24 could not support the "A" rank yields. The Honeywell and Fairchild parts are close, but NOT a direct replacement.

OBSOLETE SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
GP2L09A	Other GP2L24 Series HOA1397-031 HOA1397-032 QRD1313	Sharp Honeywell Honeywell Fairchild
GP2L09B	GP2L24B	Sharp
GP2L09C	GP2L24C	Sharp
GP2L09BC	GP2L24BC	Sharp
GP2L09AB	GP2L24AB	Sharp

Product Change Notification (cont'd)

Customers must notify Sharp Microelectronics of the Americas in writing 90 days before the last buy date if they consider the discontinued product to be "Single Source". Sharp Microelectronics and the customer may negotiate an appropriate End-of-Life Agreement.

In case of further questions, please contact your SHARP sales representative.