

Type of Notification: Product Discontinuation

ISSUE DATE	LAST BUY DATE	NOTIFICATION NO.	LAST SHIP DATE
12 June 2008	10 November 2008	PCN-20080612-01	10 February 2009

This is to advise you that the following product has been discontinued.

Product ID (Description):

GP2Y0A700K0F Distance Sensor

Description of Change:

Sharp is discontinuing the GP2Y0A700K0F. The GP2Y0A710K0F is the recommended replacement and is similar in range, function, and connector; but differs mechanically. The Tables below give specific comparisons where specifications differ.

ELECTRICAL SPECIFICATION	GP2Y0A700K0F (OBSOLETE)			GP2Y0A710K0F (REPLACEMENT)		
	MIN.	TYP.	MAX.	MIN.	TYP.	MAX.
Output voltage V_O (L = 100 cm)	2.5	2.7	2.9	2.3	2.5	2.7
Output voltage difference ΔV_{O1} between L = 100 cm and L = 200 cm	1.0	1.2	1.4	0.5	0.7	0.9
Output voltage difference ΔV_{O2} between L = 100 cm and L = 200 cm / L = 200 cm and L = 550 cm	1.0	1.5	2.0	1.25	1.55	1.85

MECHANICAL SPECIFICATION	GP2Y0A700K0F (OBSOLETE)	GP2Y0A710K0F (REPLACEMENT)
Height (measured through emitting/sensing plane)	37 mm	22.5 mm
Width (measured across widest part of sensor)	60 mm	58 mm
Depth (measured 90° to emitting/sensing plane)	20 mm	17.6 mm

NOTE: Customers should always consult the Specifications before beginning any designs.

Effect of Change:

The GP2Y0A700K0F Distance Measuring Sensor is obsolete as of this notice (alternatives are available). New designs will need to use the replacement part. This part number will move to a category type "D" (Discontinued) classification effective immediately.

Upon receipt of this notice should distributors wish to return parts that are in stock, they will have the option to do so, provided the product was not category type "C" (Non-cancellable, non-returnable) when ordered. Product must be in either factory sealed or Sharp warehouse sealed boxes, as per the terms of our agreement. Requests must be received within 60 days of receipt of this notice.



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Product Change Notification

Suggested Alternate Parts and/or Manufacturers:

OBSOLETE SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
GP2Y0A700K0F	GP2Y0A710K0F	SHARP

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 of the Americas and the customer may negotiate an appropriate End-of-Life Agreement.

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

Customer Acknowledgement of receipt of Product Notification.

Acceptance:

Name:

Title:

Company:

Date: