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Product Change Notification

Type of Notification: Product Discontinuation

ISSUE DATE	LAST BUY DATE	LAST SHIP DATE	NOTIFICATION NO.
15 February 2013	31 July 2013	29 November 2013	PCN-2013-0215-01

This is to advise you that the following products will be discontinued.

Product ID (Description):

LCD Modules:

- LQ057Q3DG01
- LQ057Q3DG02

Description of Change:

Due to supplier discontinuations, Sharp is discontinuing the LQ057Q3DG01 and LQ057Q3DG02, with LQ057Q3DC03 as the suggested replacement. Last buy and last ship dates are as given above.

The host system will require only minor changes to use the LQ057Q3DC03 as a replacement. Those changes are summarized here. For further information, please contact your Sharp sales representative.

The LQ057Q3DC03 has a built-in LED driver and requires only 12 VDC to drive the backlight, versus the parts it replaces (LQ057Q3DG01 and LQ057Q3DG02) which require an external LED driver. Since most external LED drivers already operate at 12 VDC, most applications can connect directly to the LQ057Q3DC03 by modifying the power cable.

Mechanically, the LQ057Q3DC03 (replacement) is thinner than the LQ057Q3DG02 and LQ057Q3DG01. The external dimensions and position of the active area remain the same. An enclosure made for the LQ057Q3DG01 or LQ057Q3DG02 can accept the LQ057Q3DC03 with only minor (if any) changes to accept the thinner display.

The data connector has a minor electrical difference in the replacement part: The scan reverse function has been combined into a single pin for the LQ057Q3DC03.

Note: The LQ057Q3DG01 has a resistive touch overlay; the LQ057Q3DC03 (replacement) does not.

Optical and mechanical differences are summarized in the following table:

SPECIFICATION	LQ057Q3DG01 (OBSOLETE)	LQ057Q3DG02 (OBSOLETE)	LQ057Q3DC03 (REPLACEMENT)
Brightness	320 cd/m ²	400 cd/m ²	500cd/m ²
Contrast Ratio (MIN.)	400:1	440:1	350:1
Depth	13.8 mm	12.3 mm	12.3 mm
Operating/storage Temp	-30°C to +70°C	-30°C to +70°C	-30°C to +80°C

Effect of Change:

The LQ057Q3DG01 and LQ057Q3DG02 are discontinued, with the LQ057Q3DC03 as a replacement. Last buy and last ship dates are as given above.

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