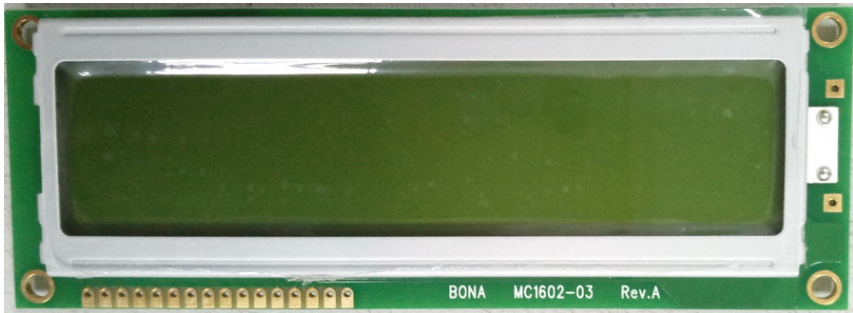

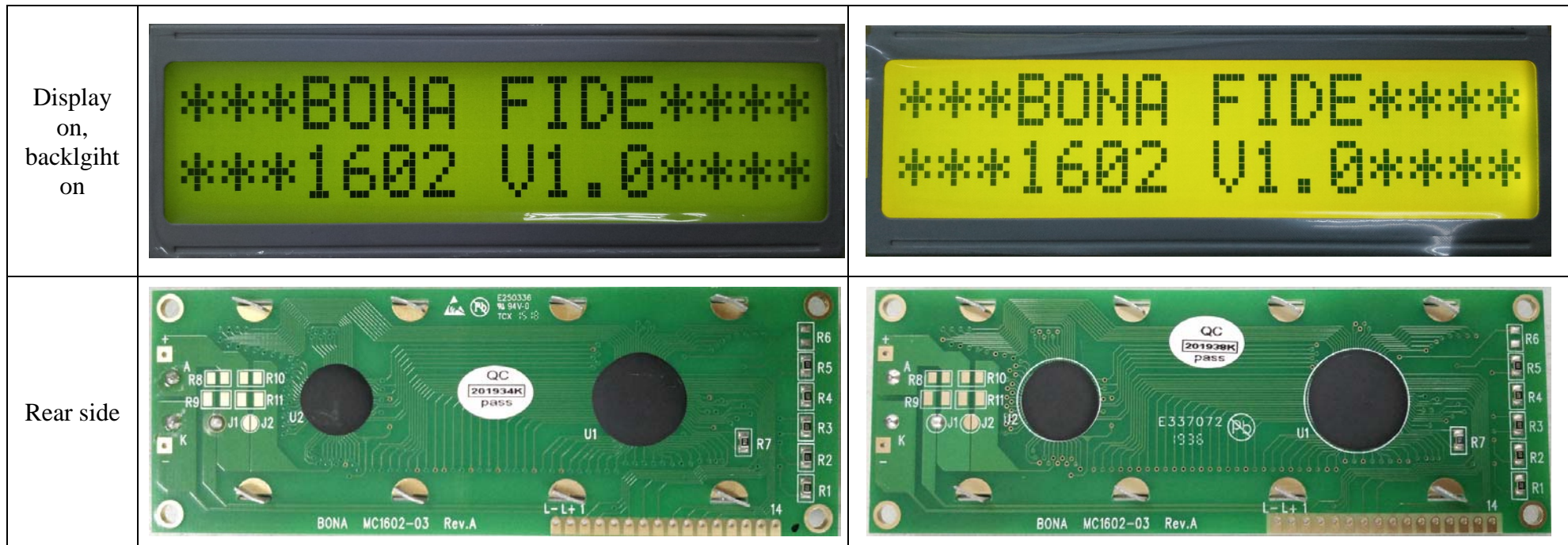


Engineer Change Notes

Change content:

1. The backlight of BY-MC1602DLYS-03HRH originally use bare dice LED, in order to improve the production efficiency, we will change to use SMD LED.
 2. After change, our part No will change to use BY-MC1602DLYS-03HRH-01
 3. The display performance and function all are compatible.
 4. the backlight brightness and color have a little different, but all are in spec.
- Please refer below compare between the original product and new samples.

Item	The original product	The new samples.
Display off, Backlight off	 <p>The image shows the original product, a rectangular display module on a green PCB. The display area is dark green, indicating the backlight is off. The PCB has gold-plated pins at the bottom and mounting holes at the corners. Text on the PCB reads "BONA MC1602-03 Rev.A".</p>	 <p>The image shows the new sample, which is identical in appearance to the original product. The display area is dark green, indicating the backlight is off. The PCB has gold-plated pins at the bottom and mounting holes at the corners. Text on the PCB reads "BONA MC1602-03 Rev.A".</p>
Display off, Backlight on	 <p>The image shows the original product with the backlight on. The display area is a dim, yellowish-green color.</p>	 <p>The image shows the new sample with the backlight on. The display area is a bright, vibrant yellow color, indicating a change in backlight characteristics.</p>



	voltage for backlight	current for backlight
Before change	4.2V	280mA
After change	4.2V	36mA

Prepared / Date	Approved / Date	Customer Approved / Date
Z.H. 11/10-2019	Zhanghong 11/10-2019	