Crystalfontz America, Incorporated

CFA533 v1.1 Hardware Change Notice
ECO-0005

Overview:
This upgrade is part of our continued commitment to providing reliable, quality, and long production lifetime parts.

Time line for v1.0 to v1.1 transition:

		Availability
CFA533 v1.1 Hardware	First run modules and datasheet	08/08/11
	Volume shipments	Q3 2011
CFA533 v1.0 Hardware	Phase out – ship until inventory depleted. Orders will be filled with v1.0	Q4 2011

CFA533 v1.1 Hardware Changes:
The hardware changes of the v1.1 CFA533 primarily for manufacturabilty and visual improvements. significant changes to the hardware and firmware. However, the new version maintains backward compatibility with previous revisions in the following ways:

- New inductor package and supporting circuit layout in backlight control circuit. This is being done to improve the manufacturabilty of the CFA533.
- Addition of JPGPIO1. This jumper will be closed by default and bypasses a 5KΩ pull-up resistor that is in line with GPIO[1] to the micro-controller.
- Improved Yellow-green backlight in the YYH variants. The backlight being used is the same backlight now being used with the CFA633 with a total of 10 yellow-green LEDs. There is a is a change in the current profile and a 2g increase in weight due to the change in the backlight.

CFA533 v1.1 Part Number Changes:
The new v1.1 hardware basedCFA533 are not undergoing any part number changes.

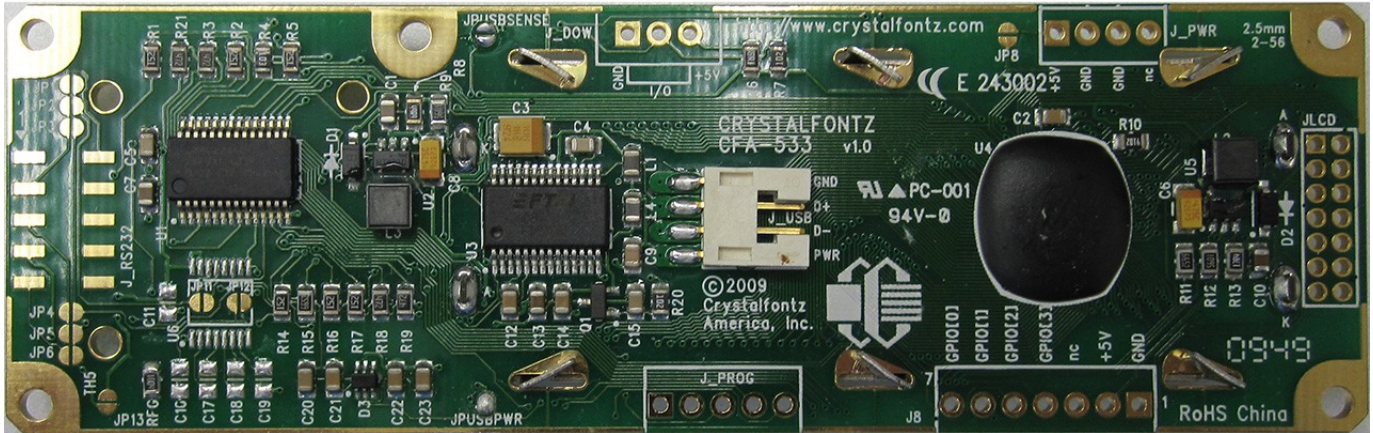**CFA533 v1.1 Price Changes:**
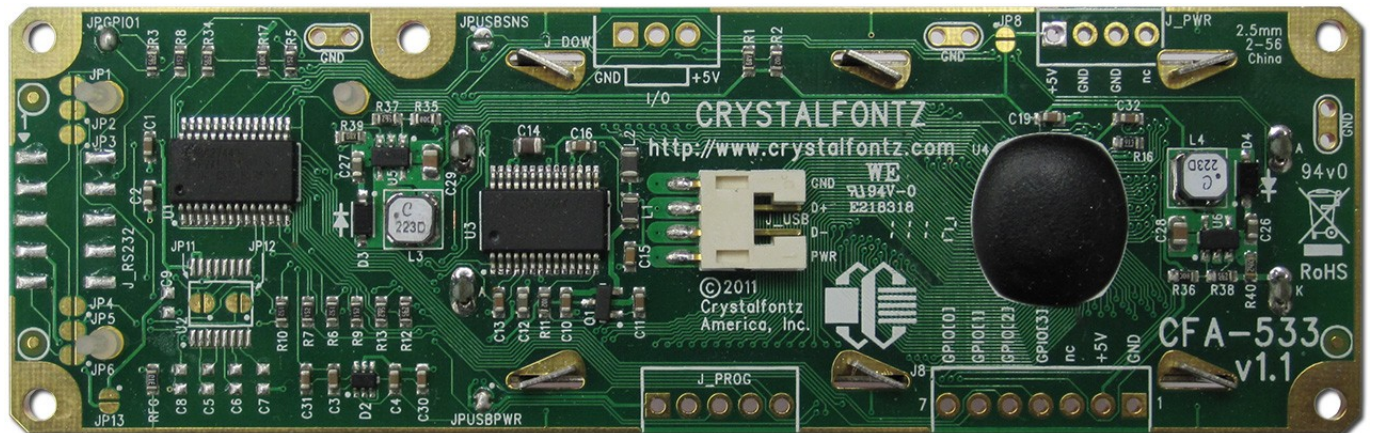The new v1.1 hardware basedCFA533 are not undergoing any part number changes.

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Visual Differences between v1.0 and v1.1 Hardware

CFA533 with USB interface

CFA533 v1.0 KU Back

CFA533 v1.1 KU Back

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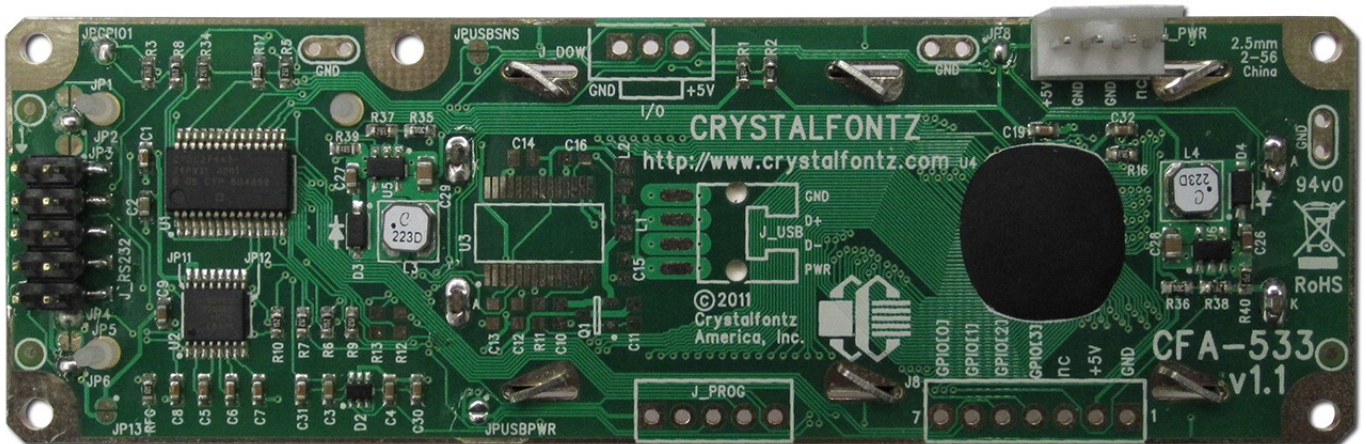
Visual Differences between v1.0 and v1.1 Hardware continued ...

CFA533 with Serial interface

CFA533 v1.0 KS Back

CFA533 v1.1 KS Back