



TECHNICAL BULLETIN

The table below describes differences between our CFA633 v1.5x and CFA633 v2.0 intelligent display module series. We also list the CFA533 series as a comparison for customers who do not require the fan control available in the CFA633 series. Hardware version numbers are silkscreened on the back of the PCBs.

Additional information can be found in supporting documents for PCN:

http://www.crystalfontz.com/products/document/2371/CFA633_v1-5a_to_v1-5c_changes.pdf

http://www.crystalfontz.com/products/pcnfile/10286/PCN_CFA633_2-0.pdf

COMPARISON OF CFA533 AND CFA633 MODULES BY VERSION NUMBER				
DESCRIPTION	AVAILABLE IN QUARTER 2011	CURRENT	REDUCED STOCK, OBSOLETE IN QUARTER 2011	OBSOLETE
	CFA633 HW 2.0 / FW b2.0	CFA533 HW v1.0 / FW c1.0	CFA633 HW 1.5c / FW vk1.9	CFA633 HW 1.5a / FW vk1.9
Available interfaces	1. USB 2. Full swing RS-232	1. I ² C 2. USB 3. Full swing RS-232 4. Inverted Logic Level RS-232 (UART)	1. USB 2. Full swing RS-232	1. USB 2. Full swing RS-232
USB Interface	USB interface is integrated. No daughter board is required.		USB interface requires a daughter board.	
Power supply	Dual power supply, +5v and +12v,	Single supply, +3.3v to +5.0v	Dual power supply, +5v and +12v,	Dual power supply, +5v and +12v,
Keypad	Improved, 12.00 mm high	Transitioning from 10.5 mm to 12.00 high	Transitioning from 10.5 mm to 12.00 high	Original, 10.5 mm high
Mounting holes	Larger keep-out clearance	Larger keep-out clearance	Larger keep-out clearance	Original keep-out clearance
Control up to 4 fans	Yes	No	Yes	Yes
Adjust display and keypad backlights separately	No	Yes	No	No
LED backlight for variant with dark (near-black) characters on yellow- green background	Improved	Improved	Original	Original
Temperature Range	Wide	Wide	Standard	Standard
Bezel	Stainless steel	Stainless steel	Stainless steel	Black plated metal
PART NUMBERS FOR COLOR CHOICES				
Red characters on dark red background	CFA633- <i>RDI</i> -XX FFSTN glass	Not available	CFA633- <i>RMC</i> -XX STN glass	CFA633- <i>RMC</i> -XX STN glass
Dark (near-black) characters on light background	CFA633- <i>TFH</i> -XX FSTN glass (New variant)	Not available	Not available	Not available
Light characters on blue background	CFA633- <i>TMI</i> -XX STN glass	CFA533- <i>TMI</i> -XX STN glass	CFA633- <i>TMC</i> -XX STN glass	CFA633- <i>TMC</i> -XX STN glass
Dark (near-black) characters on yellow- green background	CFA633- <i>YYH</i> -XX STN glass	CFA533- <i>YYH</i> -XX STN glass	CFA633- <i>YYB</i> -XX STN glass	CFA633- <i>YYB</i> -XX STN glass