

Change Notice

IS Series

Changes for LCD Driver in SmartSwitch 36 x 24 Switches & Displays



LCD Driver Changes for Switches & Displays

Type of Change:

- Engineering Part Number
 Product Appearance

This change is a product improvement by a redesign of the LCD driver to accommodate low voltage logic and control. The revision should be transparent to the current applications and allow for lower voltage design and higher frequency for future applications.

The changes will effect all IS Series 36 x 24 switches and displays, both standard and custom. The specification differences are outlined below, followed by effected standard part numbers.

Item	Symbol	Before Change	After Change
Supply Voltage for Logics	V_{DD}	4.5V to 5.5V	3.0V to 5.5V
Clock Operation Frequency	f_{SCP}	6.0MHz Maximum	8.0MHz Maximum
Clock High Level Pulse Width	t_{CWH}	70ns	50ns
Clock Low Level Pulse Width	t_{CWL}	70ns Minimum	50ns Minimum
Latch High Level Width	t_{LWH}	200ns Minimum	50ns Minimum

IS Series Standard Part Numbers Effected by LCD Driver Change

Wide View LCD	Wide View LCD Compact	Wide View Display
IS15BBFP4RGB	IS15BSBFP4RGB	IS01BBFRGB
IS15BAFP4CF	ISBSBFP4EF	IS01BBFEF
	IS15BSAFP4CF	

Notes

- There are no changes to external dimensions or specifications other than what is shown above.
- Contact the factory if further details are needed.

Effective Date

Changes to IS Series 36 x 24 Switches & Displays will be effective February 2017.

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