

led_ic

COLLABORATORS

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WRITTEN BY		July 19, 2024	

REVISION HISTORY

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Chapter 1

led_ic

1.1 led_ic.doc

--datasheet--

1.2 led.image/--datasheet--

NAME

led.image--Simulated LED display image. (V42)

SUPERCLASS

imageclass

DESCRIPTION

The led.image image class provides a simulated LED image display.

METHODS

OM_NEW--Create the LED image. Passed to superclass, then OM_SET.

OM_SET--Set object attributes. Passed to superclass first.

OM_UPDATE--Set object notification attributes. Passed to superclass first.

IM_DRAW--Renders the images. Overrides the superclass.

All other methods are passed to the superclass, including OM_DISPOSE.

ATTRIBUTES

SYSIA_DrawInfo (struct DrawInfo *) -- Contains important pen information. This is required if IA_BGPen and IA_FGPen are not specified.

IA_FGPen (LONG) -- Pen to use to draw the lit segments. If -1 is specified then TEXTPEN is used.

IA_BGPen (LONG) -- Pen to use to draw the unlit segments or background. If -1 is specified then BACKGROUNDPEN is used.

IA_Width (LONG) -- Width of the image.

IA_Height (LONG) -- Height of the image.

LED_Pairs (LONG) -- Number of pairs of digits.

LED_Values (WORD *) -- Array of values. One entry per pair is required.

LED_Colon (BOOL) -- Is the colon between pairs lit or not. Defaults to FALSE.

LED_Signed (BOOL) -- Leave room for a negative sign or not. Defaults to FALSE.

LED_Negative (BOOL) -- Is the negative sign lit or not. Defaults to FALSE.
