









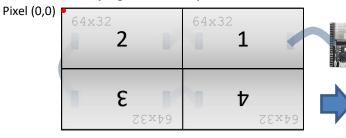
In ESP32-HUB75-MatrixPanel-I2S-DMA.h:

MATRIX_HEIGHT 32
MATRIX WIDTH 64*4

Note: No 'Virtual Display' class usage is required for a simple horizontal chain / display.

'Virtual Display' class to create a matrix of LED matrix panels

Top-right DOWN serpentine 'S' chain

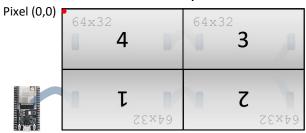


2 x 2 (128x64)

#define NUM_ROWS 2 #define NUM_COLS 2 #define PANEL_RES_X 64 #define PANEL_RES_Y 32

/* Create physical module driver class AND virtual (chained) display class. */
#include <ESP32-VirtualMatrixPanel-I2S-DMA.h>
RGB64x32MatrixPanel_I2S_DMA dma_display;
VirtualMatrixPanel virtualDisp(dma_display, NUM_ROWS, NUM_COLS, PANEL_RES_X, PANEL_RES_Y,

Bottom-left UP serpentine 'S' chain



2 x 2 (128x64)

#define NUM_ROWS 2 #define NUM_COLS 2

true, true);

#define PANEL RES X 64

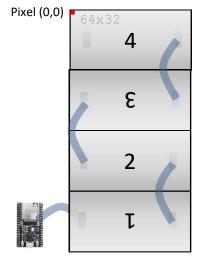
#define PANEL_RES_Y 32

/* Create physical module driver class AND virtual (chained) display class. */ #include <ESP32-VirtualMatrixPanel-I2S-DMA.h>

RGB64x32MatrixPanel I2S DMA dma display;

VirtualMatrixPanel virtualDisp(dma_display, NUM_ROWS, NUM_COLS, PANEL_RES_X, PANEL_RES_Y, true, false);

Vertical serpentine 'S' chain / stack







#define NUM_ROWS 4 #define NUM_COLS 1 #define PANEL_RES_X 64 #define PANEL_RES_Y 32

#include <ESP32-VirtualMatrixPanel-I2S-DMA.h>
RGB64x32MatrixPanel_I2S_DMA dma_display;
VirtualMatrixPanel virtualDisp(dma_display, NUM_ROWS, NUM_COLS, PANEL_RES_X, PANEL_RES_Y, true);

/* Create physical module driver class AND virtual (chained) display class. */