



# STEVAL-ILL032V1

## Multicolor LED matrix demonstration board based on the STP24DP05BTR

Data brief

### Features

- 4 STP24DP05BTR drivers for each display panel
- 8 panels can be cascaded in series using a flat ribbon cable
- RoHS compliant

### Description

The STEVAL-ILL032V1 is a demonstration board featuring the STP24DP05BTR RGB LED driver to drive the RGB LED matrix panel.

The STEVAL-ILL032V1 demonstration board is part of a complete system which includes at least one control board (STEVAL-ILL033V1) and one RGB LED matrix display panel.



# 1 Schematic

Figure 1. LED display panel schematic - part 1

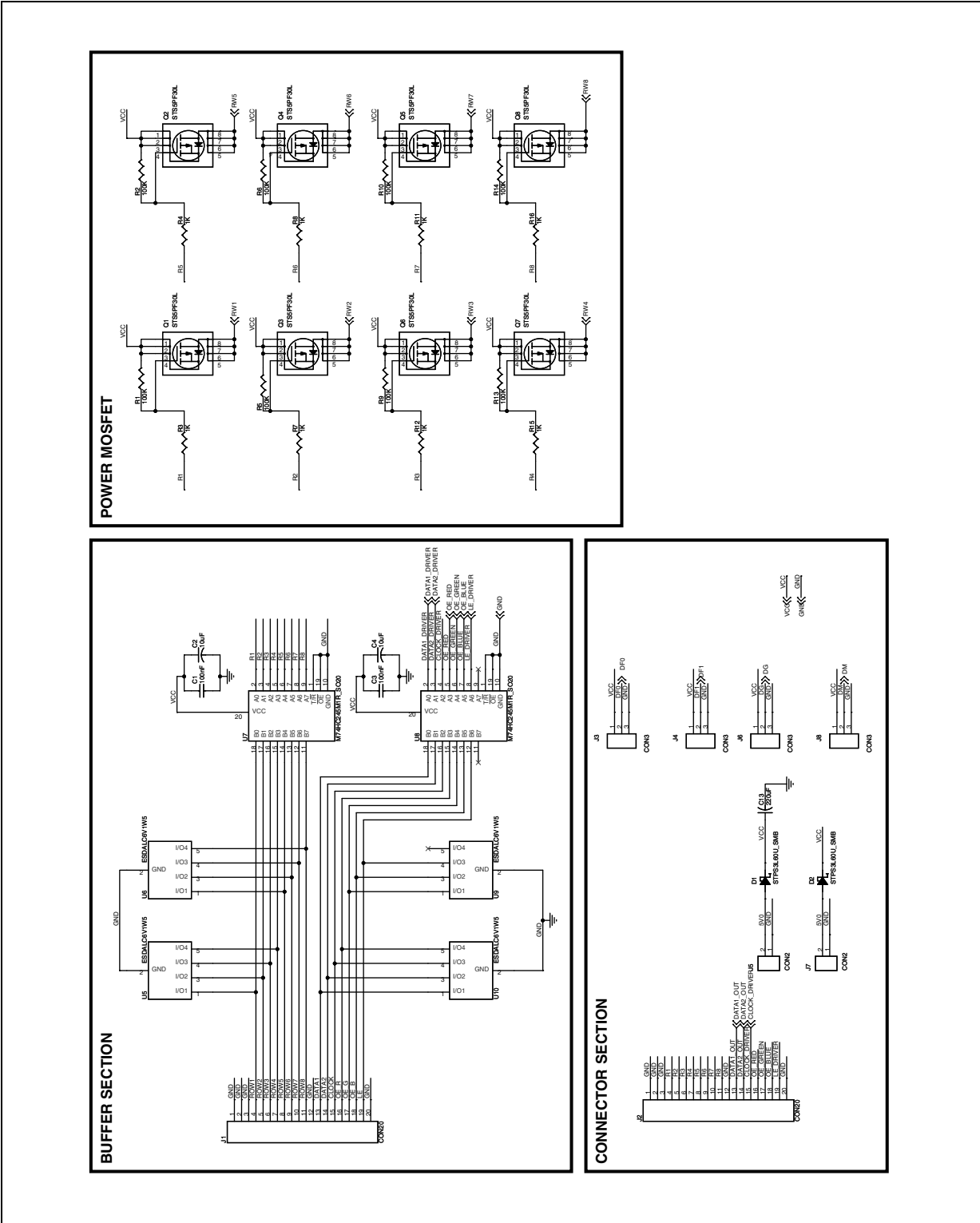
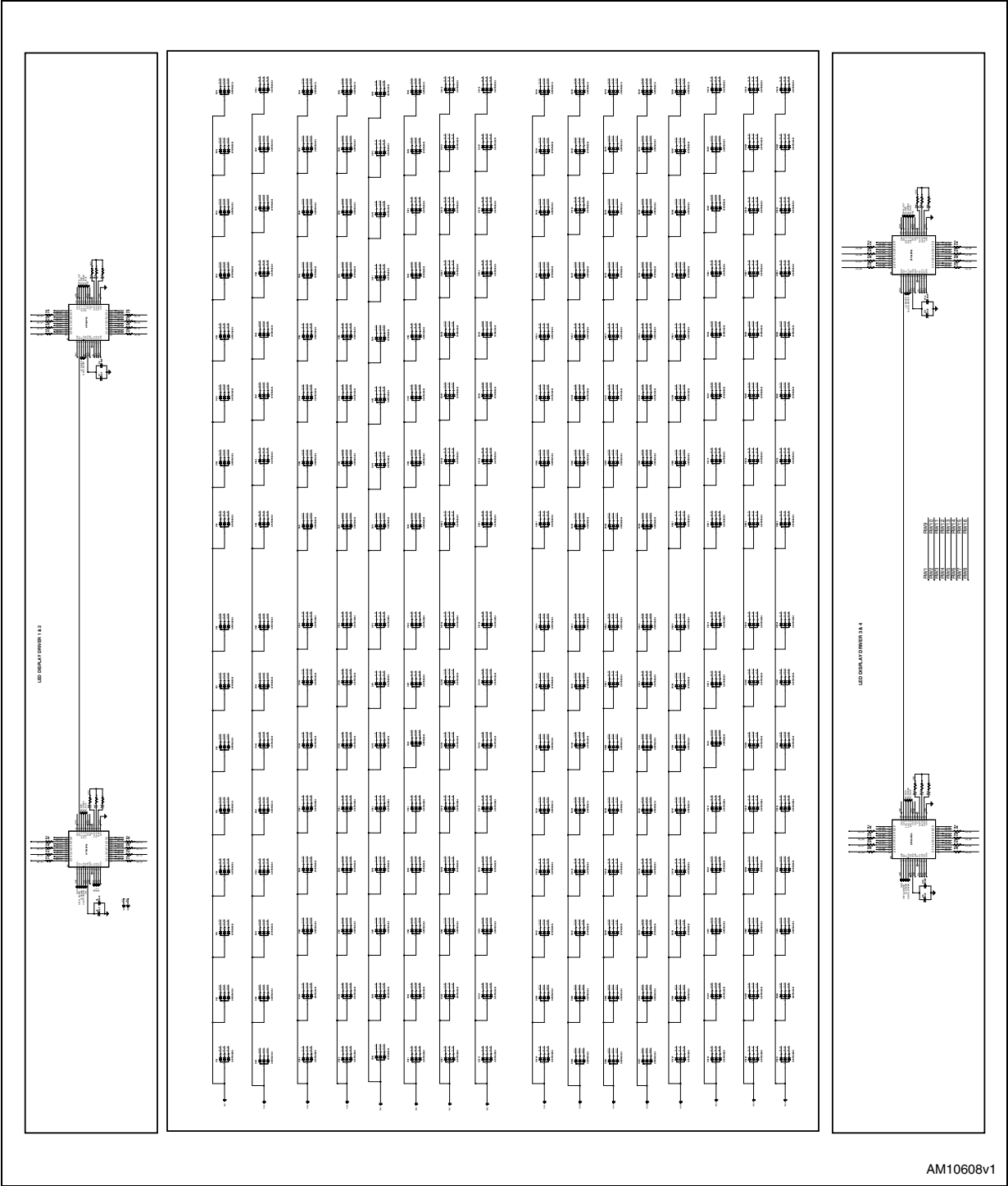


Figure 2. LED display panel schematic - part 2



## 2 Revision history

**Table 1. Document revision history**

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 11-Oct-2011 | 1        | Initial release. |

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