



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

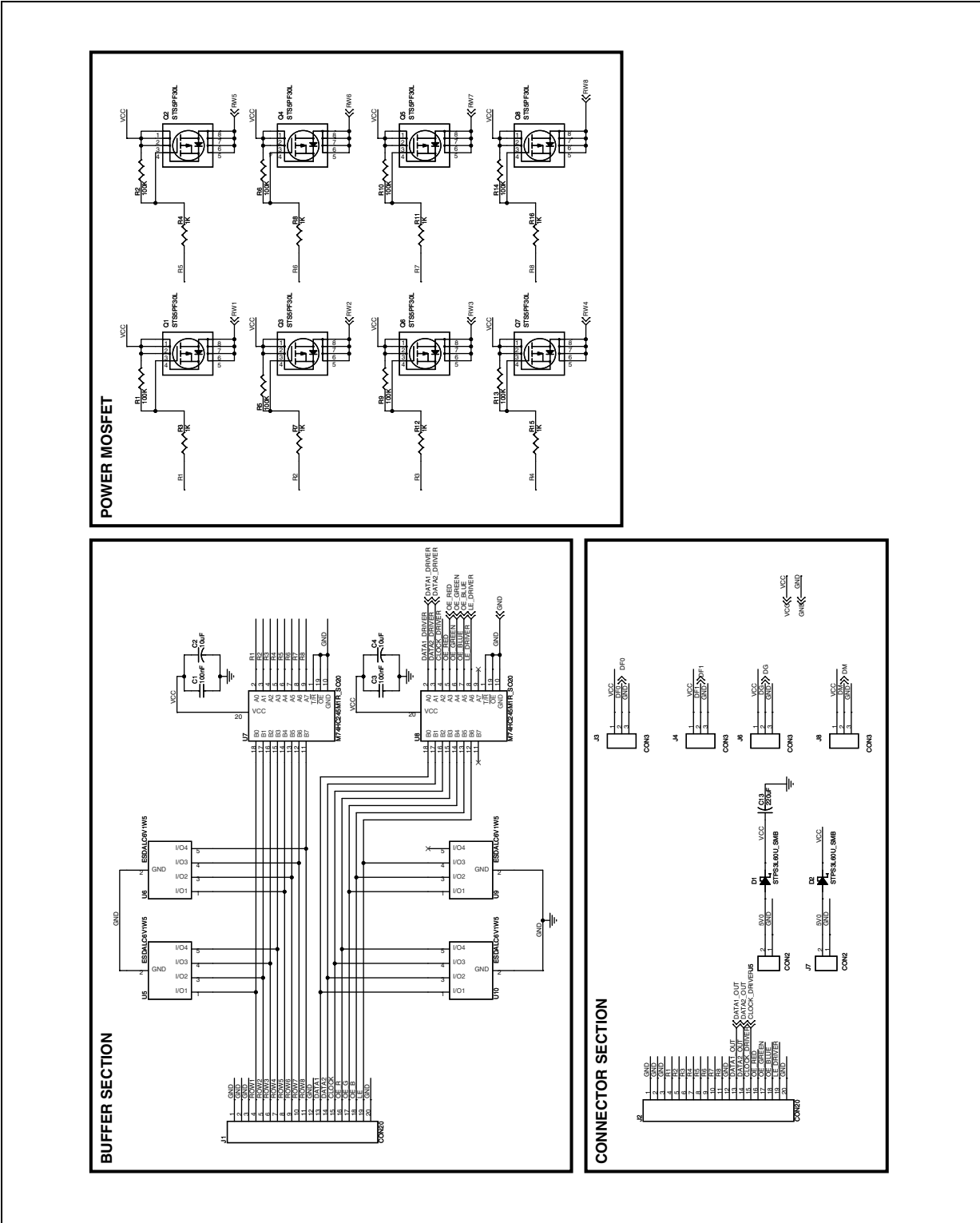
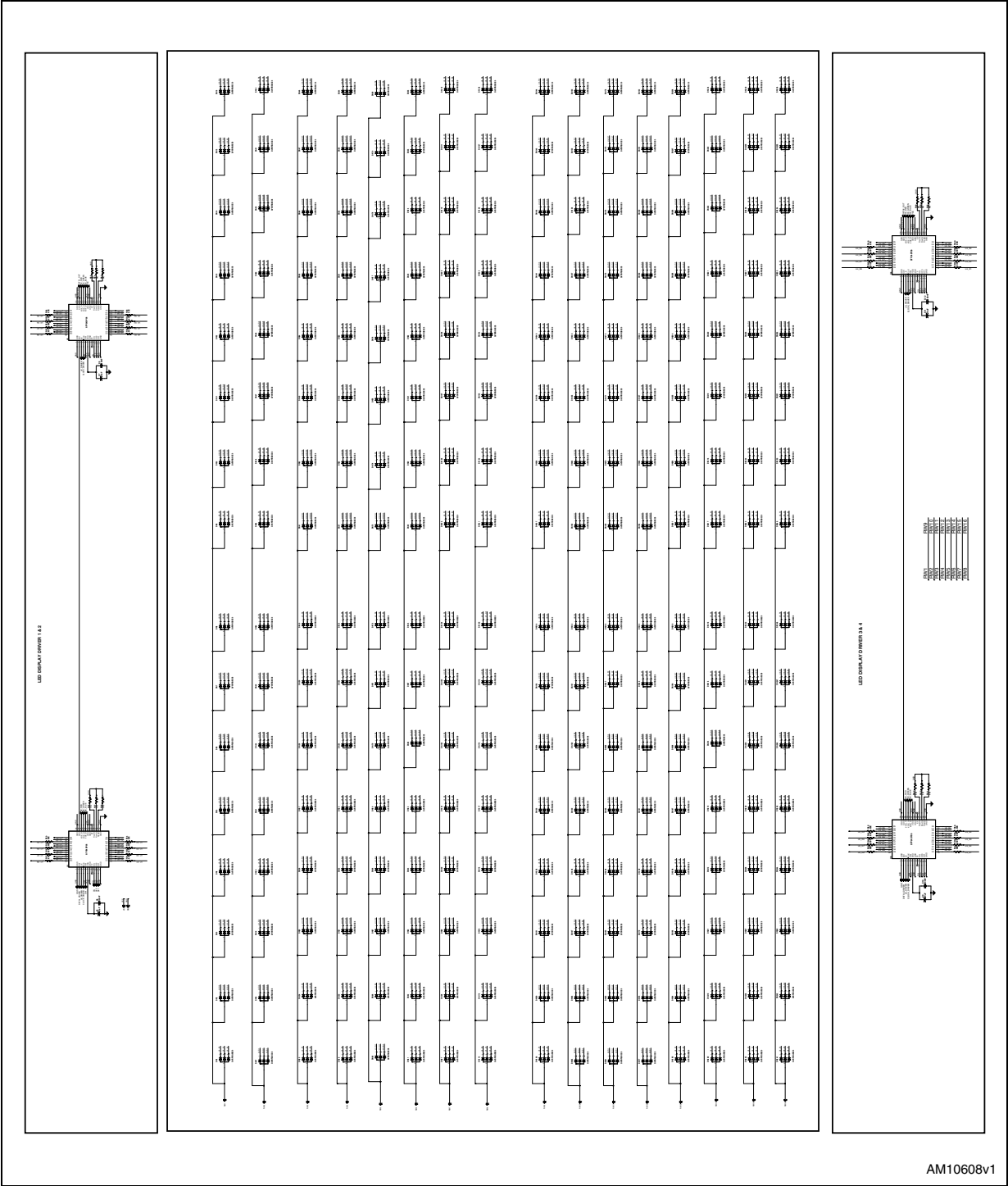


Figure 2. LED display panel schematic - part 2



2 Revision history

Table 1. Document revision history

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

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