

Board identification

This errata sheet applies to the first batch of the STEVAL-CTM012V1 evaluation board. The batch is identified by lot 4821 and the resistors shown in Figure 2.

Important: Not the entire lot 4821 is impacted. Refer to the figures below to check whether your board is impacted.

Table 1. Board identification

Order code	Device info
STEVAL-CTM012V1	Lot 4821 (on the STEVAL-CTM012V1 bottom side)

Figure 1. STEVAL-CTM012V1 evaluation board lot 4821 - bottom detail

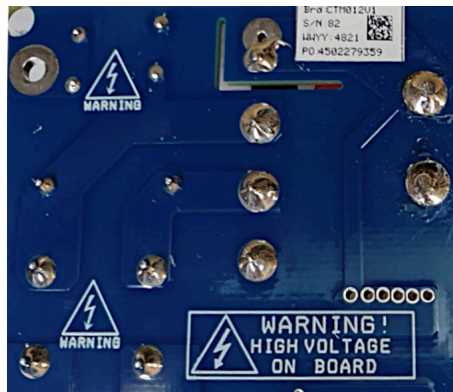
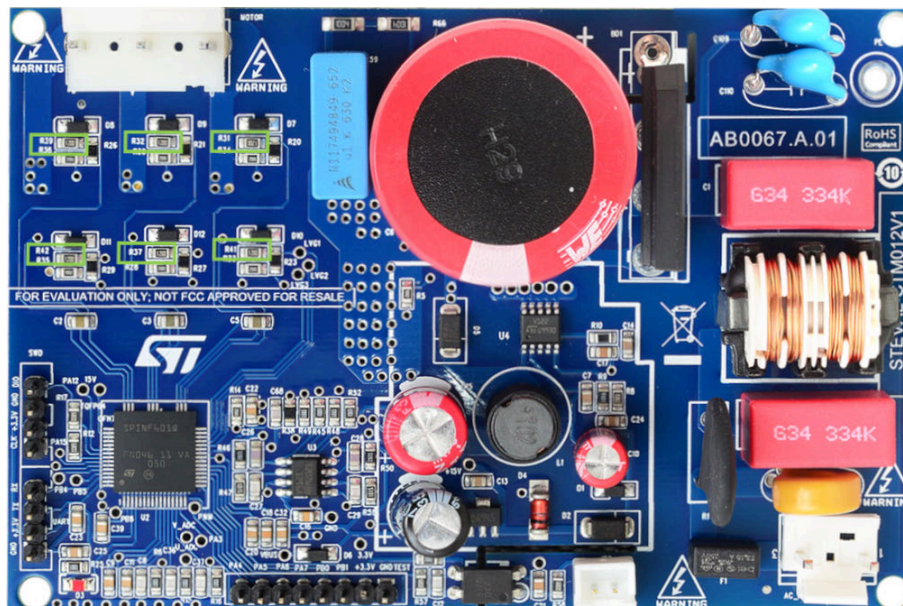


Figure 2. STEVAL-CTM012V1 evaluation board lot 4821 - resistor detail

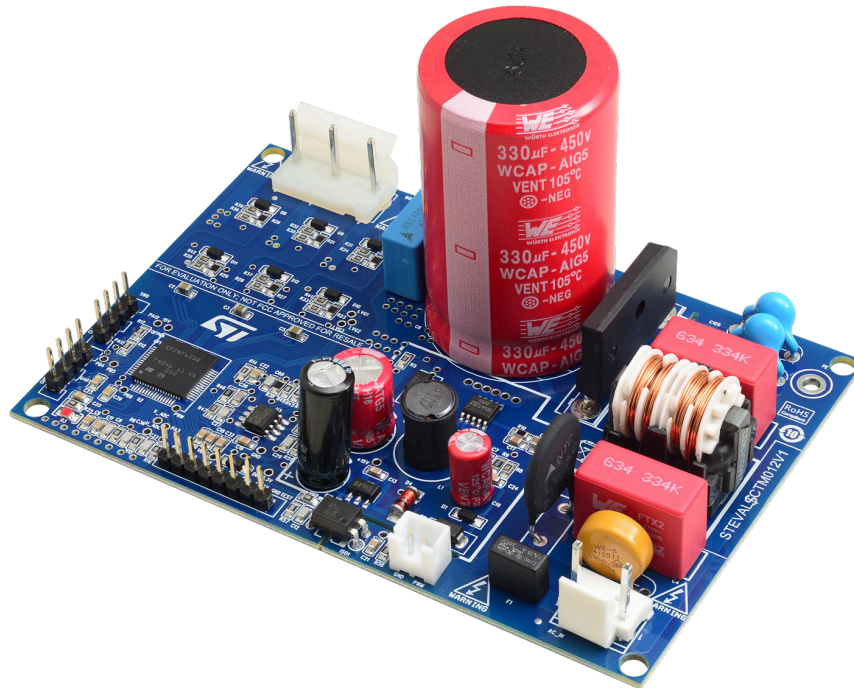


1 Limitation

1.1 Description

The STEVAL-CTM012V1 is a high efficiency 250 W compressor solution based on STSPIN32F0601Q and STD8N60DM2.

Figure 3. STEVAL-CTM012V1 evaluation board



The STEVAL-CTM012V1 first batch (lot 4821) mounts the R31, R32, R37, R39, R41, and R42 resistors with a current resistance value of 120 ohm.

This lot works properly under normal or standard load conditions. However, if used under no-load conditions, that is without a connected motor, it might not work properly.

1.2 Workaround

Replace the R31, R32, R37, R39, R41, and R42 resistors with 10-ohm resistors.

Revision history

Table 2. Document revision history

Date	Revision	Changes
16-Feb-2022	1	Initial release.

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