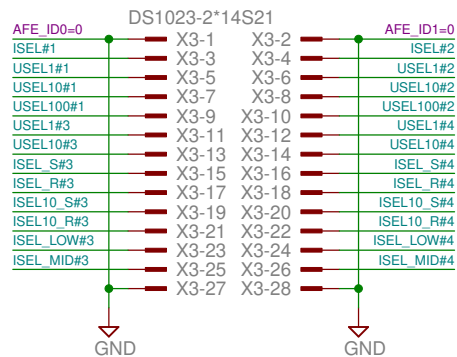
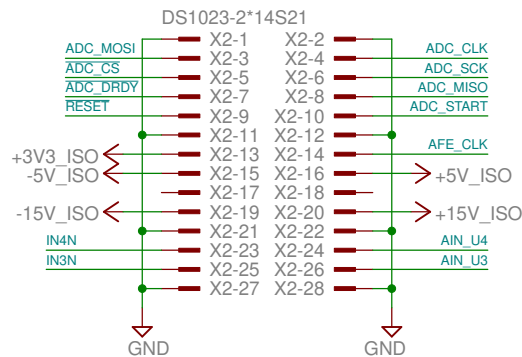
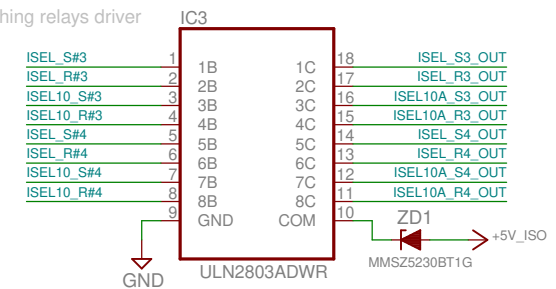


Voltage mode: $\pm 2.4\text{ V}$, $\pm 48\text{ V}$, $\pm 240\text{ V}$
 Current mode: $\pm 48\text{ mA}$ (gain x1)

AFE connectors



Dual coil latching relays driver



AFE channel #1 (High voltage)

TITLE: EEZ DIB AFE1 r1B5

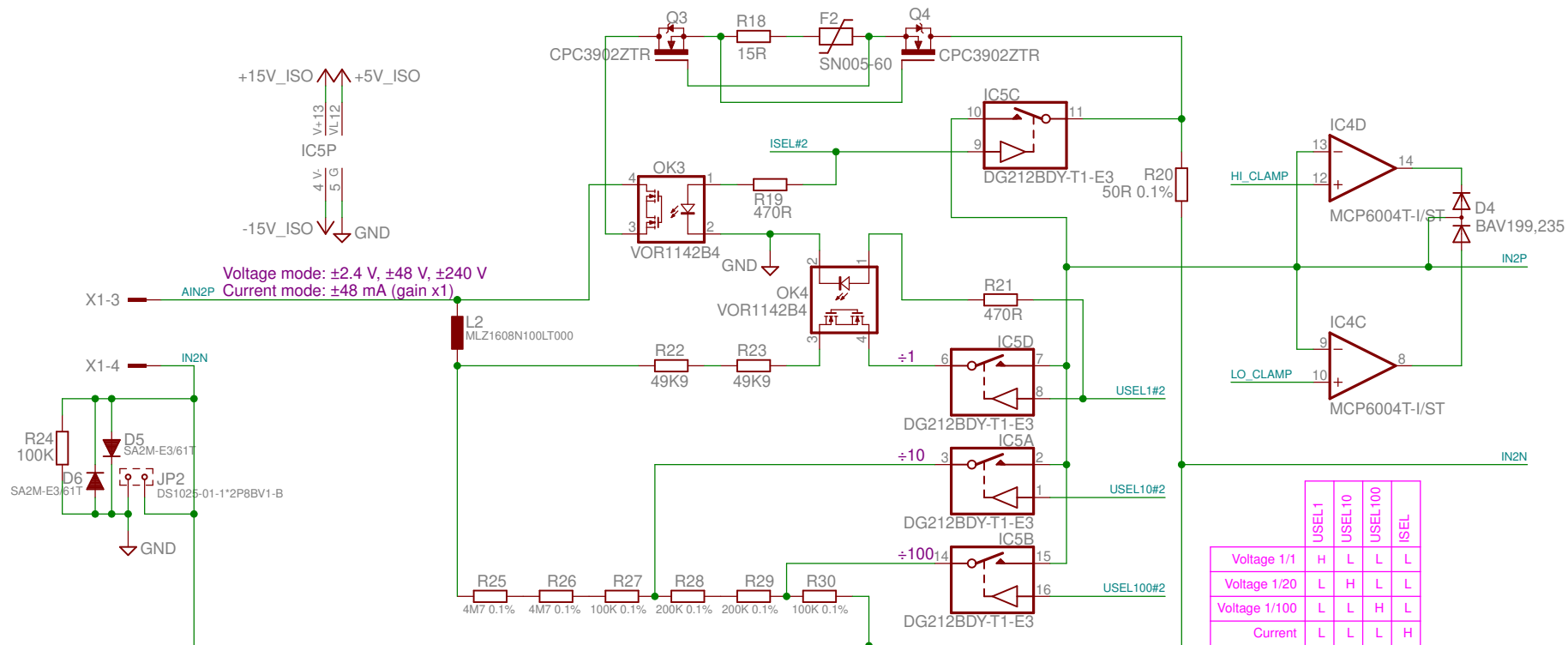
Document Number:

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Date: 9.5.2021. 15:06

Sheet: 1/5





AFE channel #2 (High voltage)

TITLE: EEZ DIB AFE1 r1B5

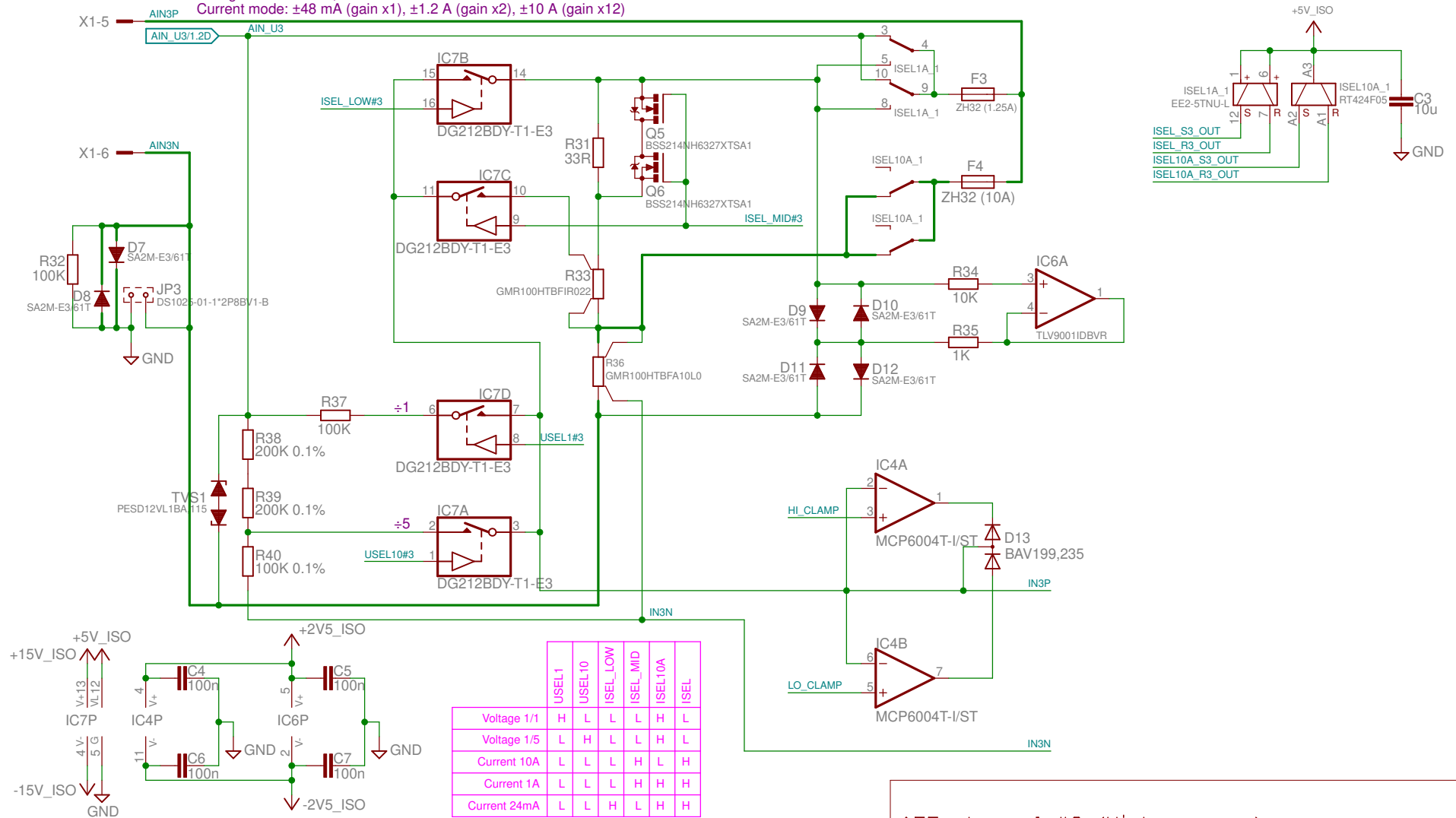
Document Number:

REV:

Date: 9.5.2021. 15:06

Sheet: 2/5

Voltage mode: $\pm 2.4\text{ V}$, $\pm 12\text{ V}$
 Current mode: $\pm 48\text{ mA}$ (gain x1), $\pm 1.2\text{ A}$ (gain x2), $\pm 10\text{ A}$ (gain x12)



AFE channel #3 (High current)

TITLE: EEZ DIB AFE1 r1B5

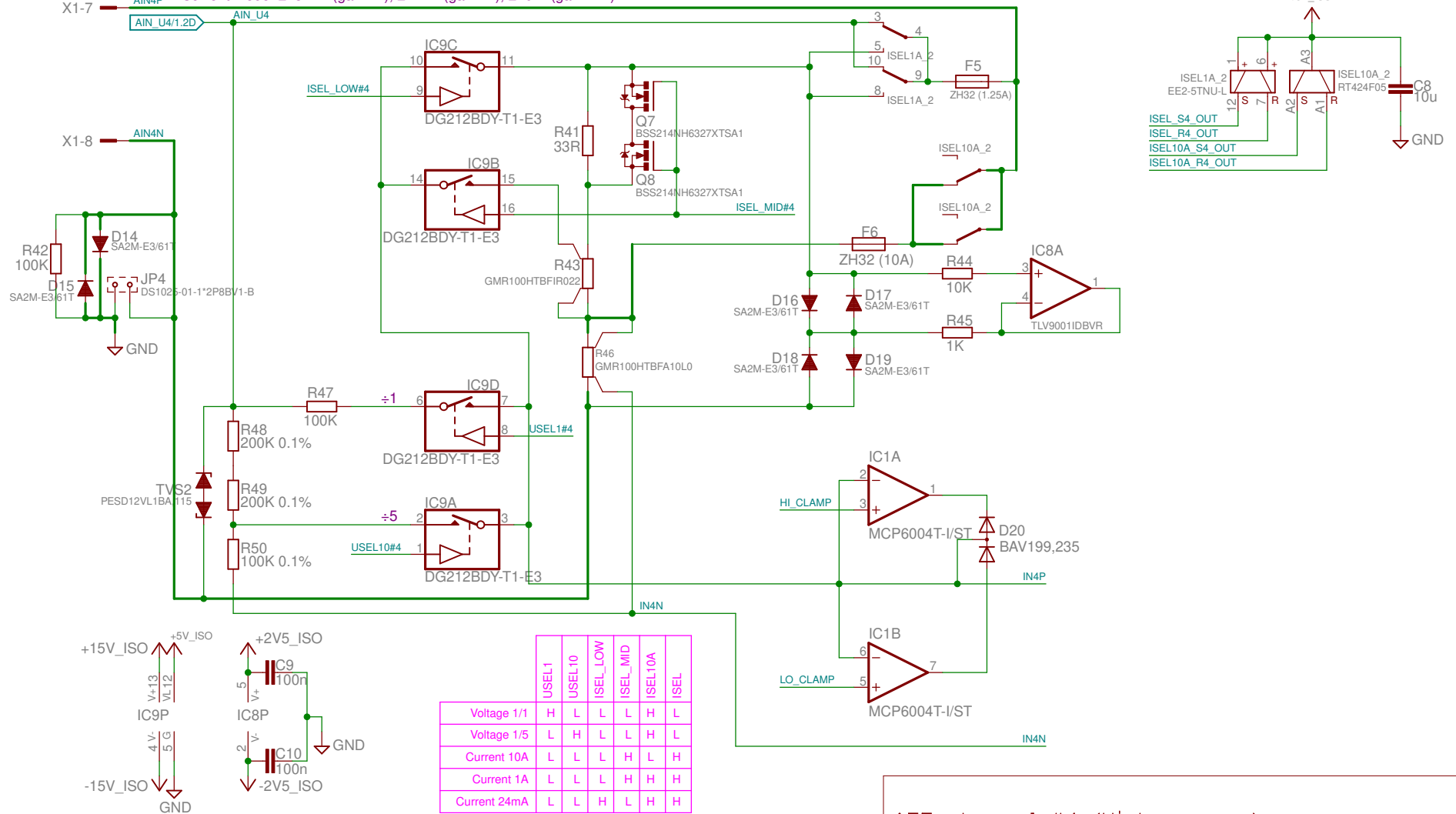
Document Number:

REV:

Date: 9.5.2021. 15:06

Sheet: 3/5

Voltage mode: $\pm 2.4\text{ V}$, $\pm 12\text{ V}$
 Current mode: $\pm 48\text{ mA}$ (gain x1), $\pm 1.2\text{ A}$ (gain x2), $\pm 10\text{ A}$ (gain x12)



AFE channel #4 (High current)

TITLE: EEZ DIB AFE1 r1B5

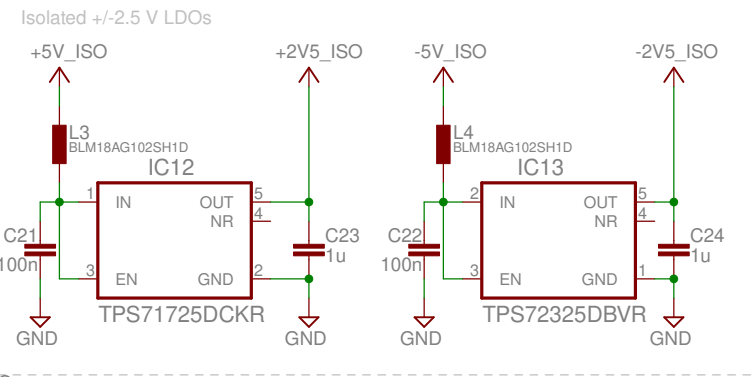
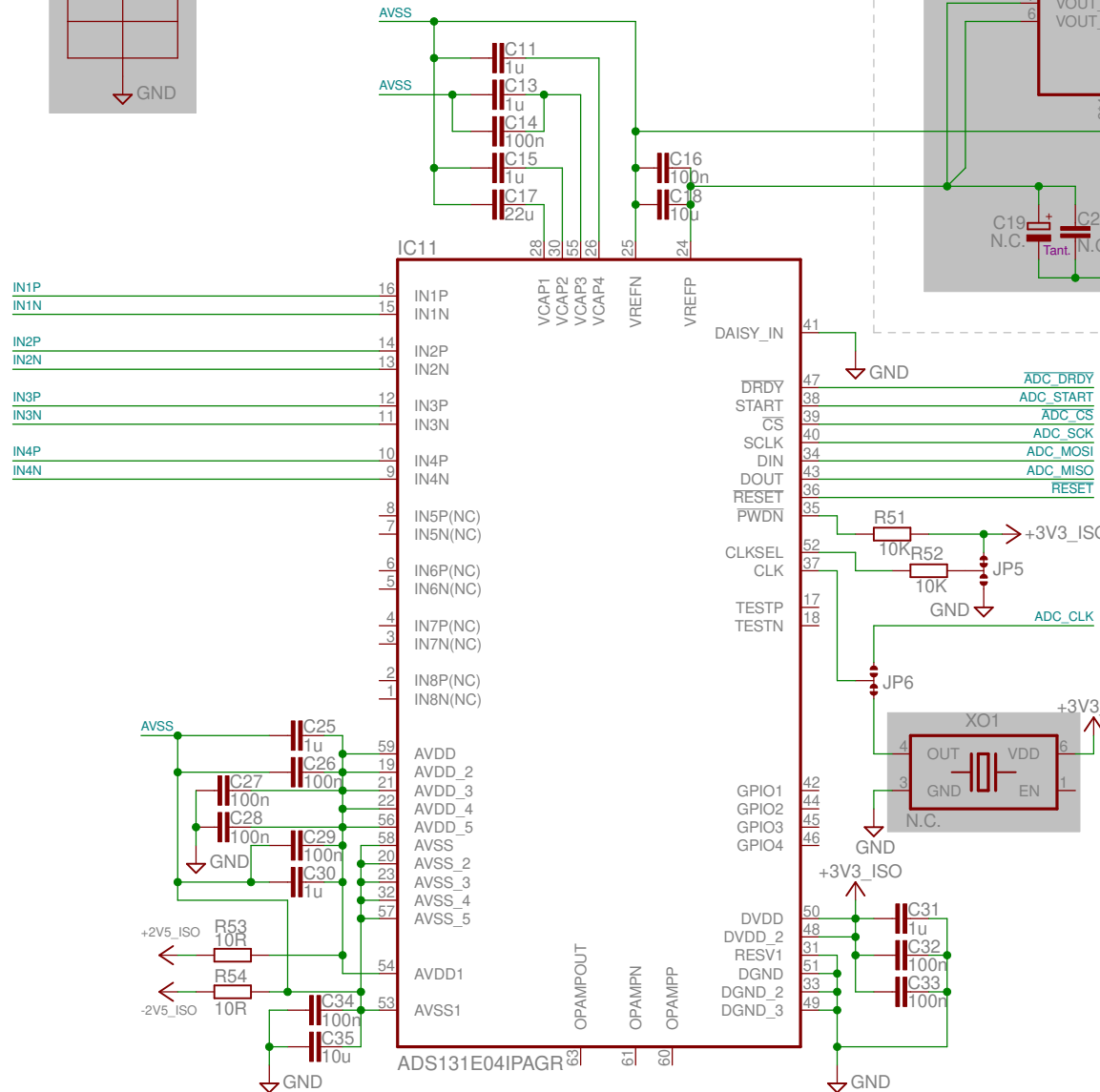
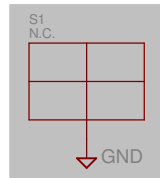
Document Number:

REV:

Date: 9.5.2021. 15:06

Sheet: 4/5

4-ch 24-bit ADC



4-ch 24-bit simultaneously sampling ADC
Voltage reference, +/-2.5V LDOs

TITLE: EEZ DIB AFE1 r1B5

Document Number:

REV:

Date: 9.5.2021. 15:06

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