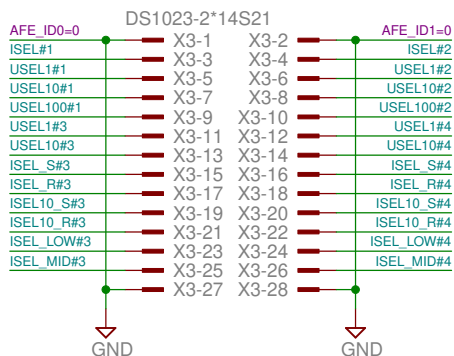
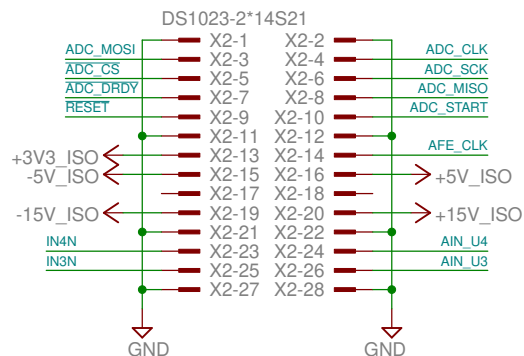
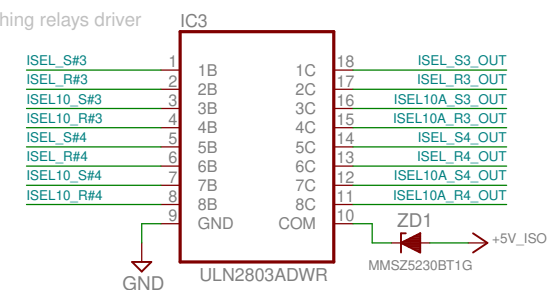


Voltage mode: $\pm 2.4\text{ V}$, $\pm 48\text{ V}$, $\pm 240\text{ V}$
 Current mode: $\pm 48\text{ mA}$ (gain x1)

AFE connectors



Dual coil latching relays driver



AFE channel #1 (High voltage)

TITLE: EEZ DIB AFE1 r1B5

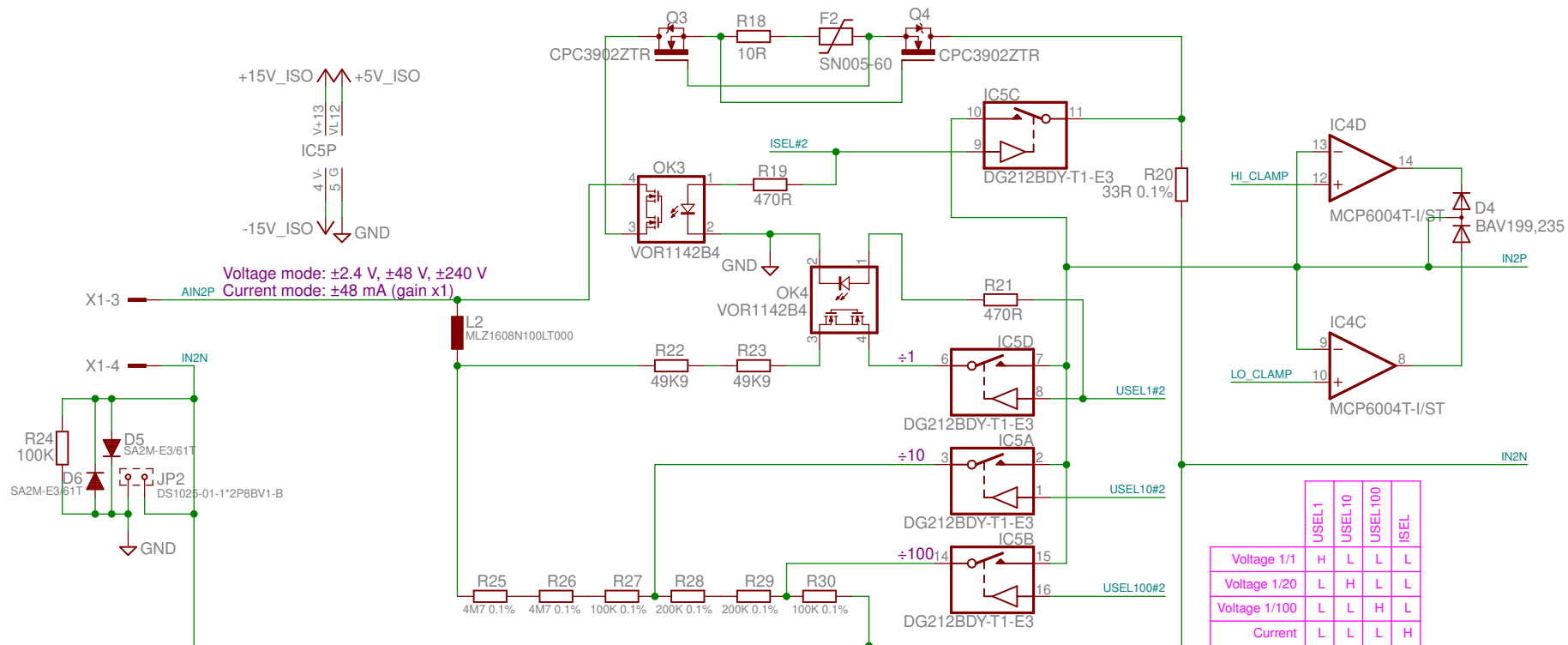
Document Number:

REV:

Date: not saved!

Sheet: 1/5





AFE channel #2 (High voltage)

TITLE: EEZ DIB AFE1 r1B5

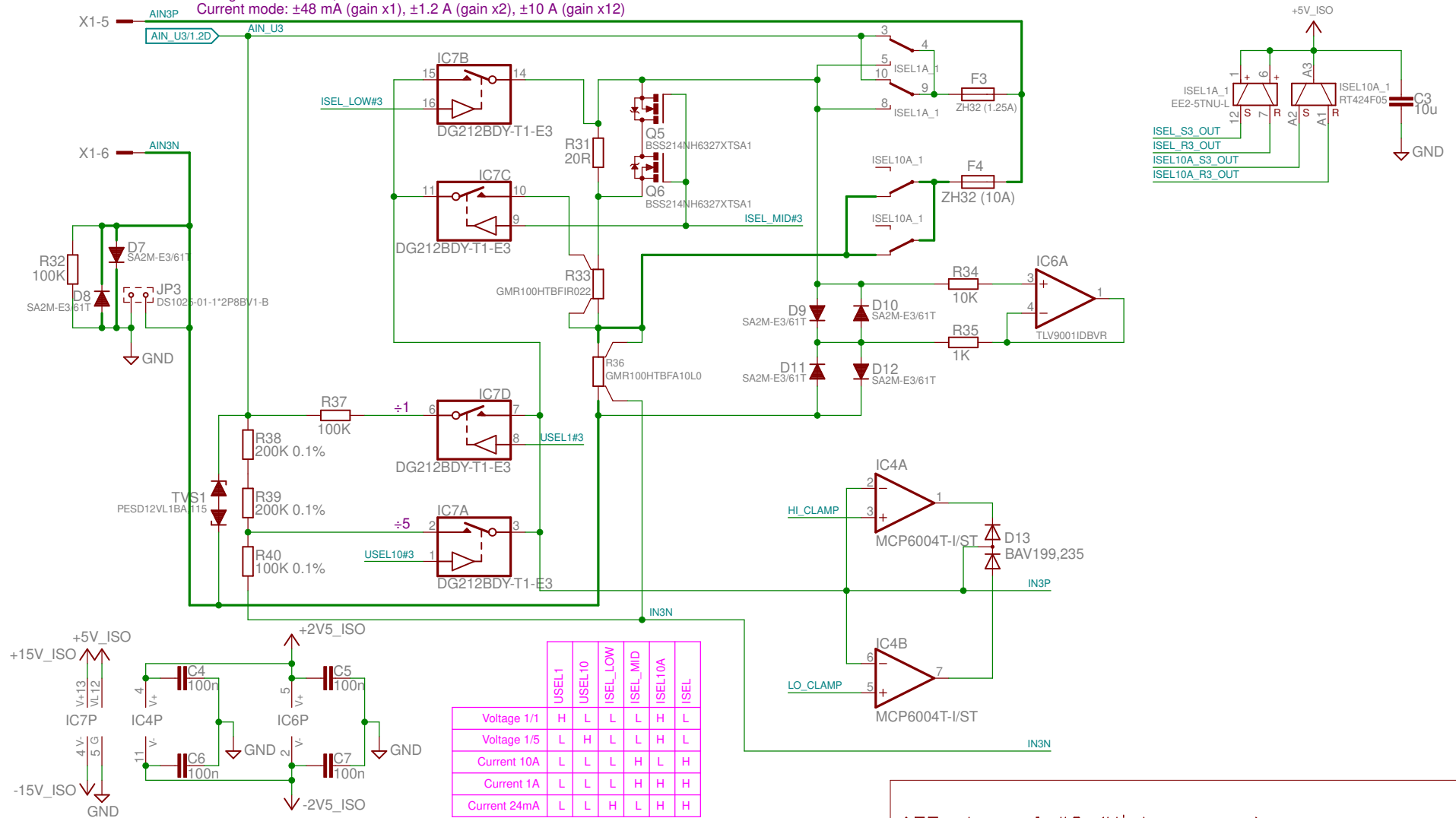
Document Number:

REV:

Date: not saved!

Sheet: 2/5

Voltage mode: ± 2.4 V, ± 12 V
 Current mode: ± 48 mA (gain x1), ± 1.2 A (gain x2), ± 10 A (gain x12)



	USEL1	USEL10	ISEL_LOW	ISEL_MID	ISEL10A	ISEL
Voltage 1/1	H	L	L	L	H	L
Voltage 1/5	L	H	L	L	H	L
Current 10A	L	L	L	H	L	H
Current 1A	L	L	L	H	H	H
Current 24mA	L	L	H	L	H	H

AFE channel #3 (High current)

TITLE: EEZ DIB AFE1 r1B5

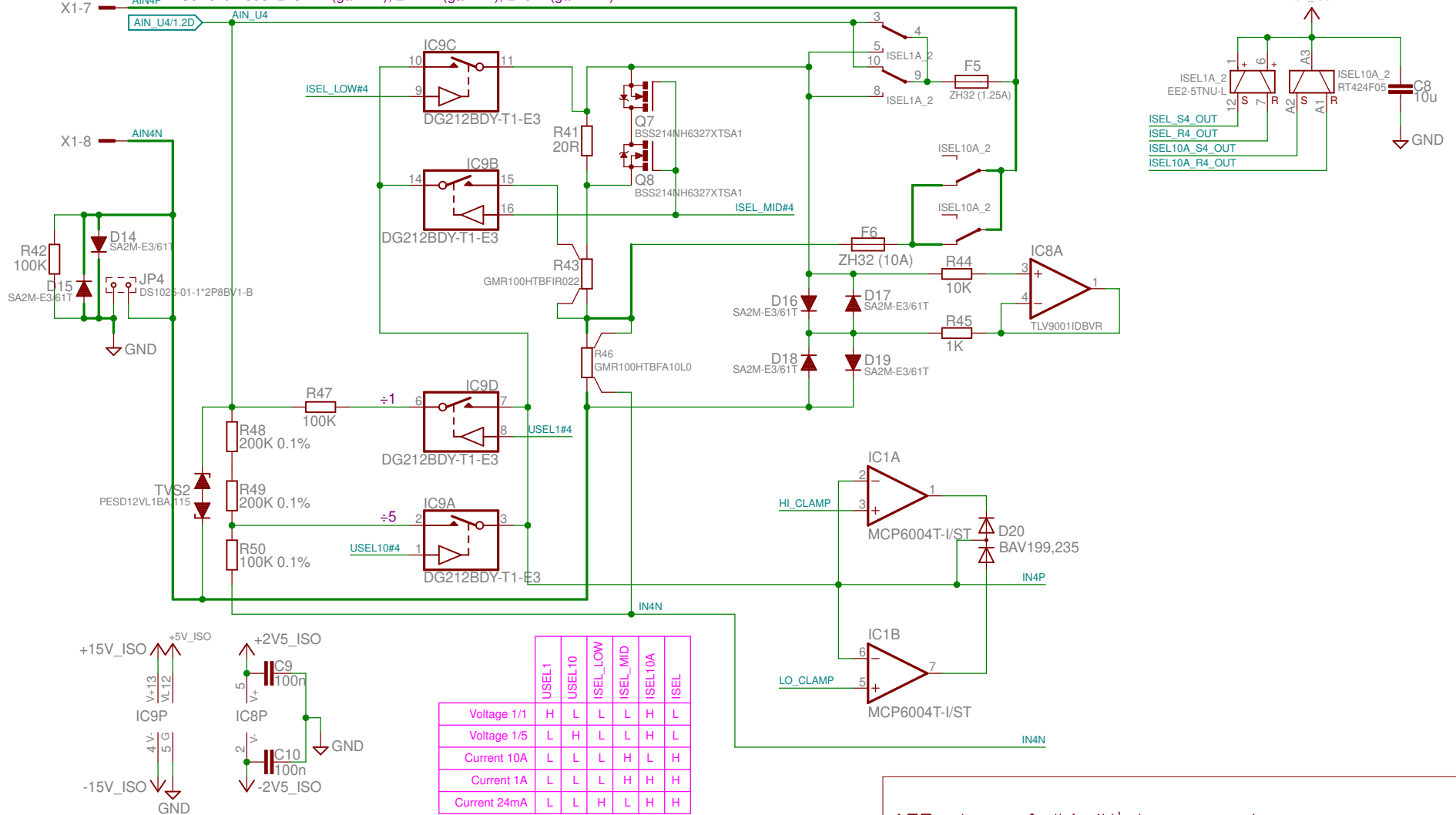
Document Number:

REV:

Date: not saved!

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

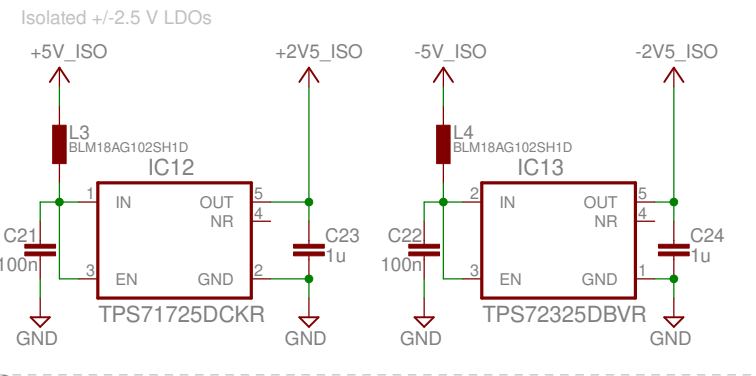
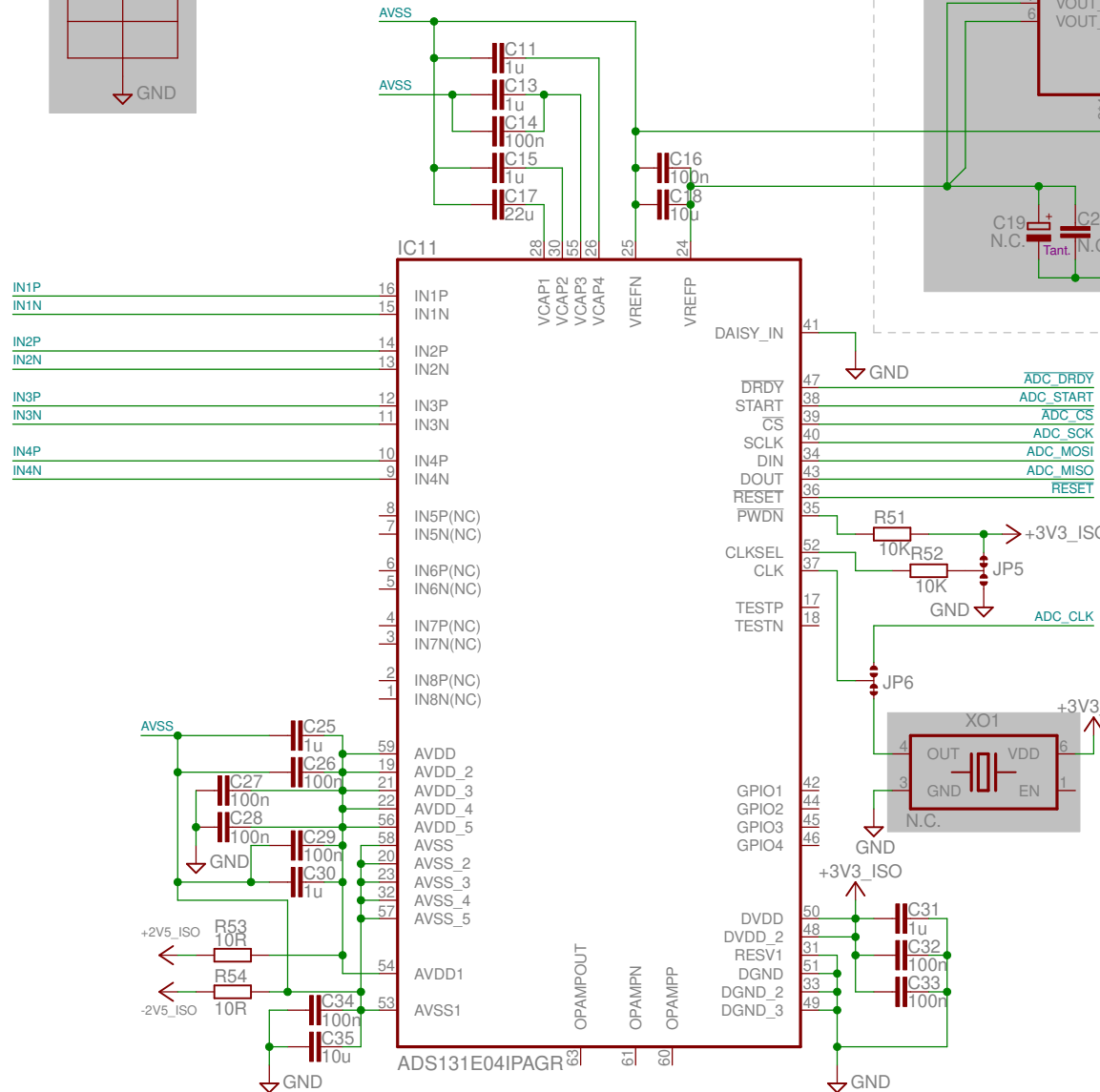
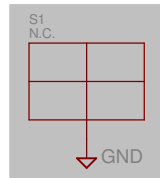
Document Number:

REV:

Date: not saved!

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: not saved!

Sheet: 5/5