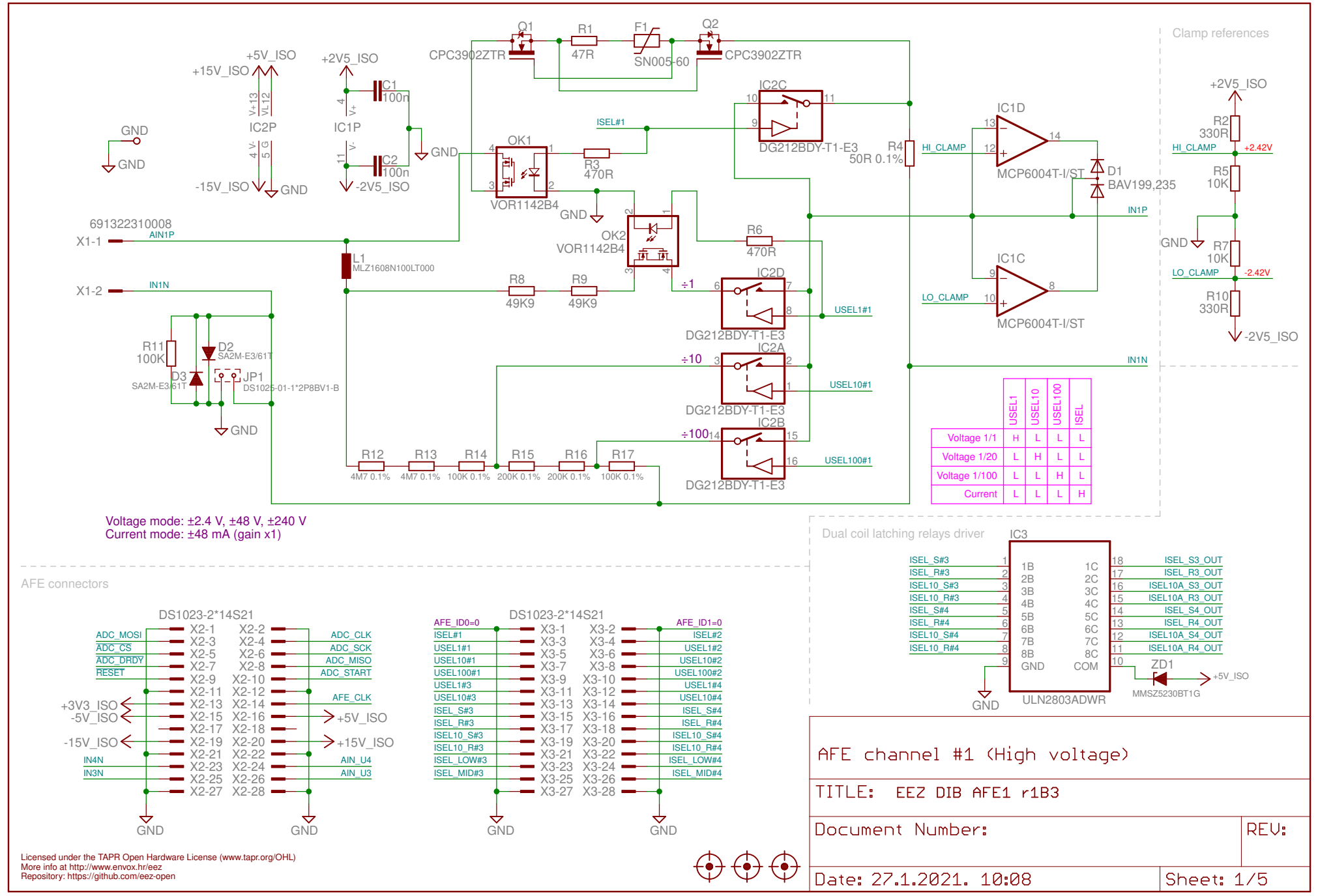
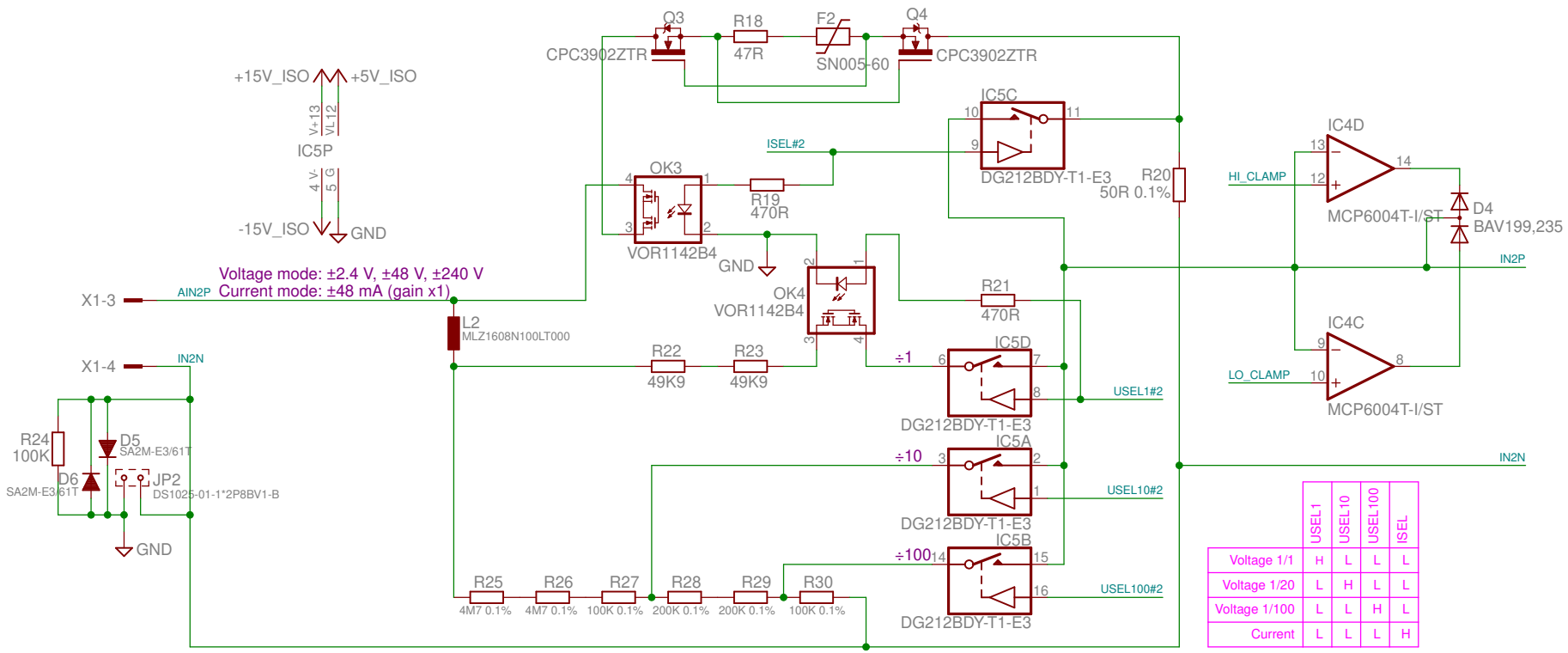

Clamp references
Voltage mode: ±2.4 V, ±48 V, ±240 V
Current mode: ±48 mA (gain x1)
Dual coil latching relays driver
AFE connectors
AFE channel #1 (High voltage)
TITLE: EEZ DIB AFE1 r1B3
Document Number:
REV:
Date: 27.1.2021. 10:08
Sheet: 1/5
Licensed under the TAPR Open Hardware License (www.tapr.org/OHL)
More info at http://www.envox.hr/eez
Repository: https://github.com/eez-open



	USEL1	USEL10	USEL100	ISEL
Voltage 1/1	H	L	L	L
Voltage 1/20	L	H	L	L
Voltage 1/100	L	L	H	L
Current	L	L	L	H

AFE channel #2 (High voltage)

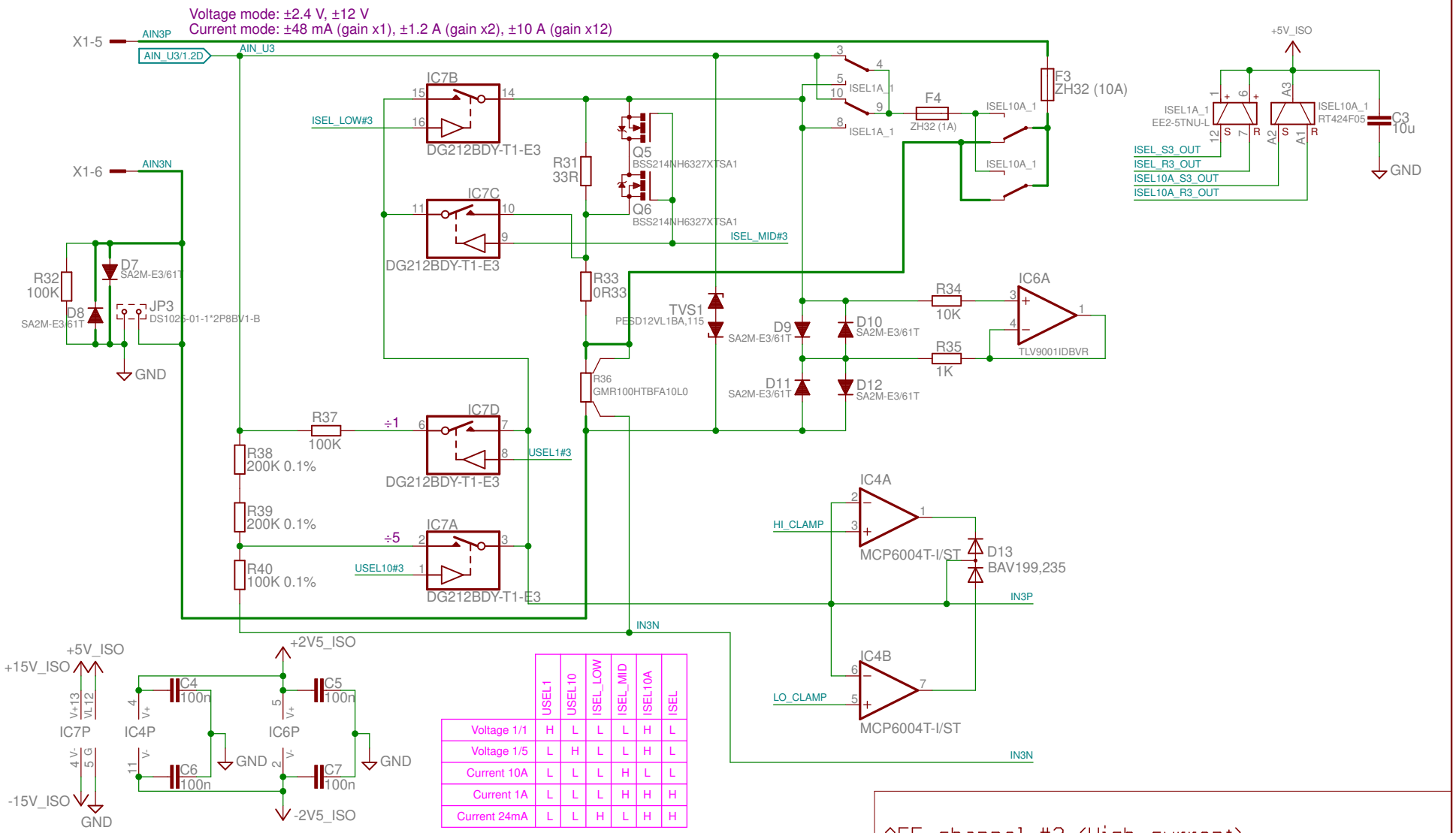
TITLE: EEZ DIB AFE1 r1B3

Document Number:

REV:

Date: 27.1.2021. 10:08

Sheet: 2/5



	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	L
Current 1A	L	L	L	H	H	H
Current 24mA	L	L	H	L	H	H

AFE channel #3 (High current)

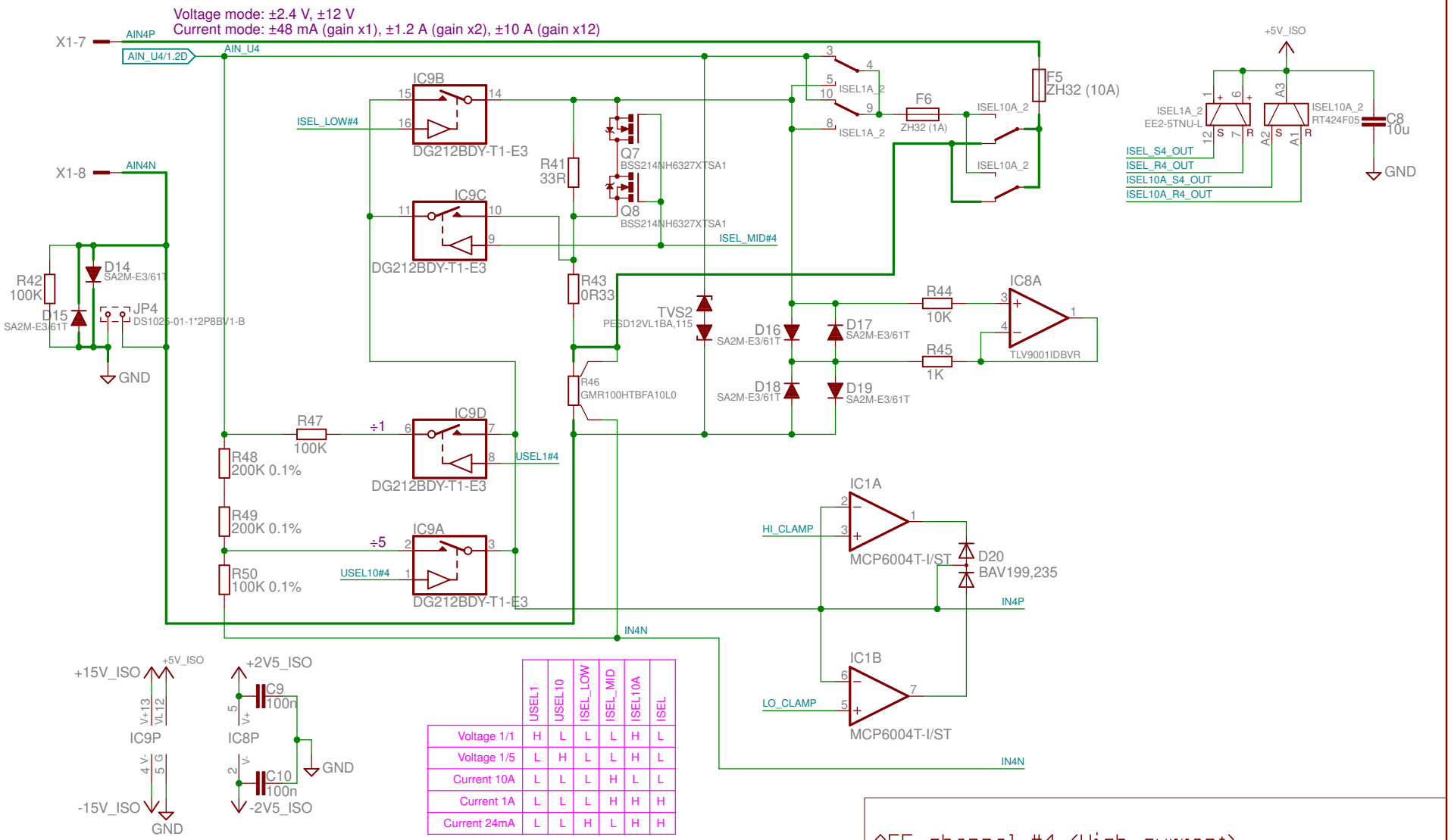
TITLE: EEZ DIB AFE1 r1B3

Document Number:

REV:

Date: 27.1.2021. 10:08

Sheet: 3/5



	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	L
Current 1A	L	L	L	H	H	H
Current 24mA	L	L	H	L	H	H

AFE channel #4 (High current)

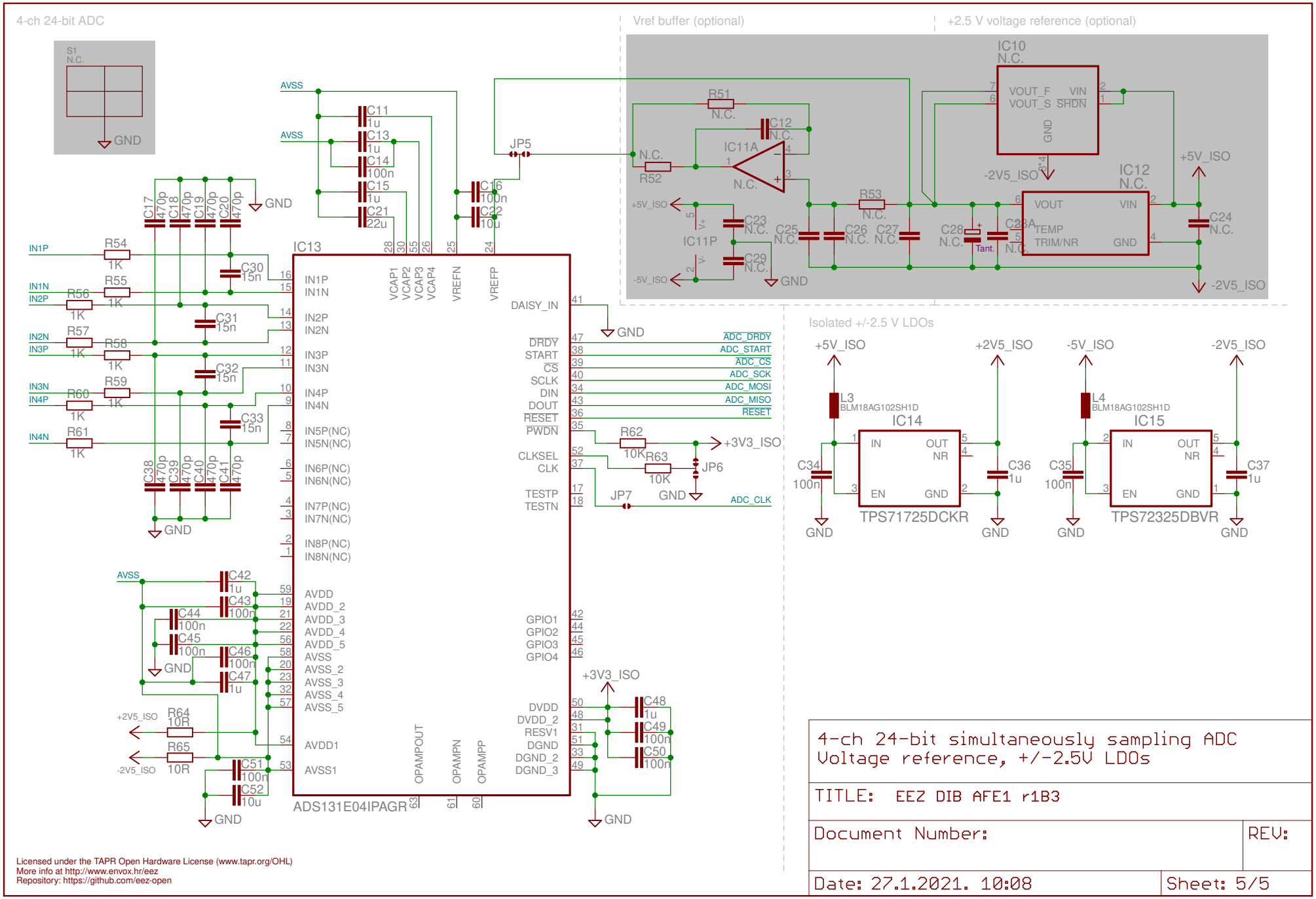
TITLE: EEZ DIB AFE1 r1B3

Document Number:

REV:

Date: 27.1.2021. 10:08

Sheet: 4/5


4-ch 24-bit ADC
Vref buffer (optional)
+2.5 V voltage reference (optional)
Isolated +/-2.5 V LDOs
IC13
ADS131E04IPAGR
IC10
IC11A
IC11P
IC12
IC14
IC15
TPS71725DCKR
TPS72325DBVR
BLM18AG102SH1D
4-ch 24-bit simultaneously sampling ADC
Voltage reference, +/-2.5V LDOs
TITLE: EEZ DIB AFE1 r1B3
Document Number:
REV:
Date: 27.1.2021. 10:08
Sheet: 5/5
Licensed under the TAPR Open Hardware License (www.tapr.org/OHL)
More info at http://www.envox.hr/eez
Repository: https://github.com/eez-open