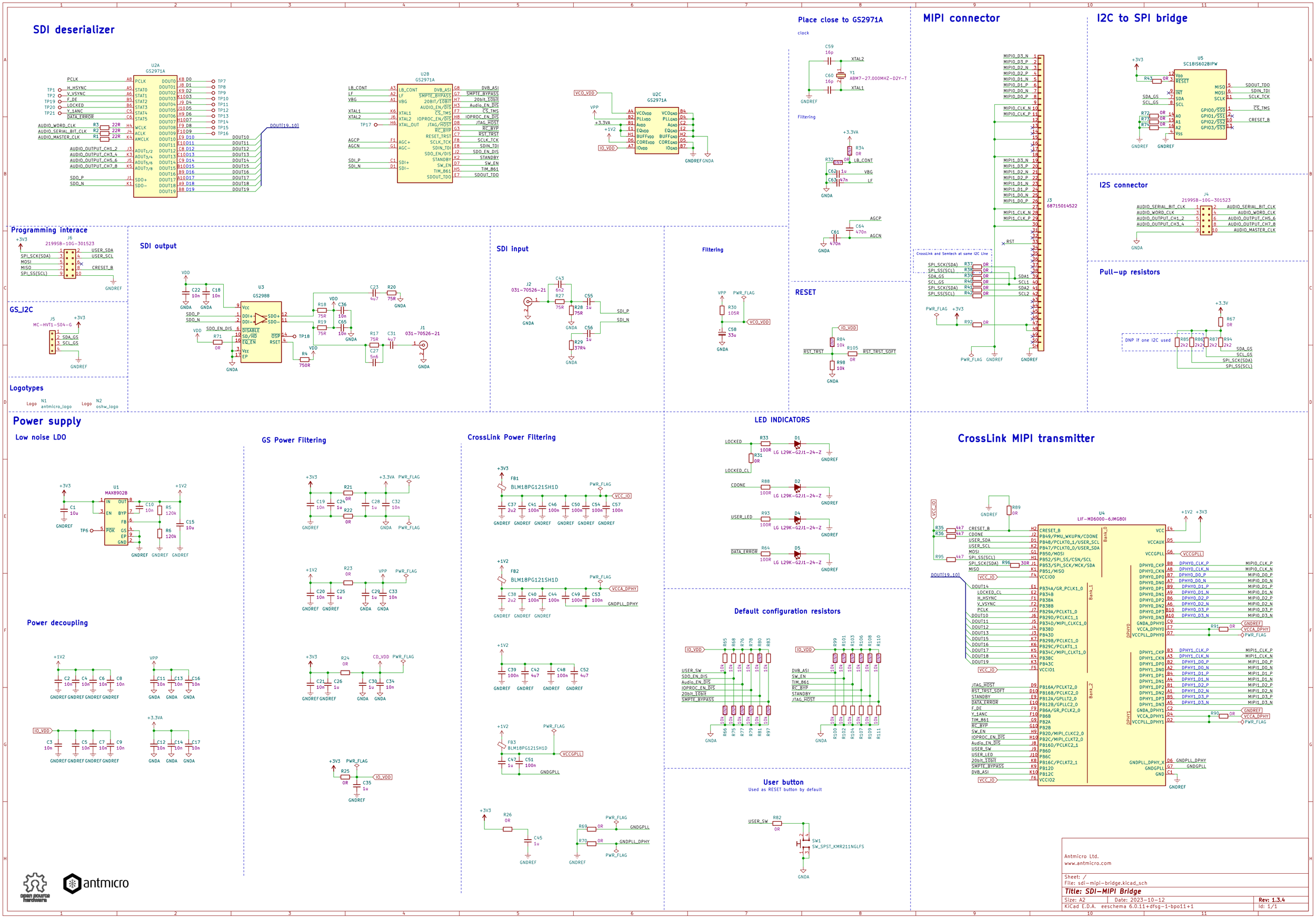
SDI deserializer
U2A
GS2971A
U2B
GS2971A
U2C
GS2971A
Place close to GS2971A
clock
Filtering
RESET
MIPI connector
J3
68715014522
I2C to SPI bridge
U5
SC18IS602BIPW
I2S connector
J4
2199SB-10G-301523
Pull-up resistors
Programming interace
J6
2199SB-10G-301523
GS_I2C
J5
MC-HV1-S04-G
Logotypes
SDI output
U3
GS2988
SDI input
J2
031-70526-21
J1
031-70526-21
Power supply
Low noise LDO
U1
MAX8902B
GS Power Filtering
CrossLink Power Filtering
LED INDICATORS
Default configuration resistors
User button
Used as RESET button by default
SW1
SW_SPST_KMR211NGLFS
CrossLink MIPI transmitter
U4
LIF-MD6000-6JMG80I
Power decoupling
antmicro
Antmicro Ltd.
www.antmicro.com
Sheet: /
File: sdi-mipi-bridge.kicad_sch
Title: SDI-MIPI Bridge
Size: A2
Date: 2023-10-12
Rev: 1.3.4
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1
Id: 1/1