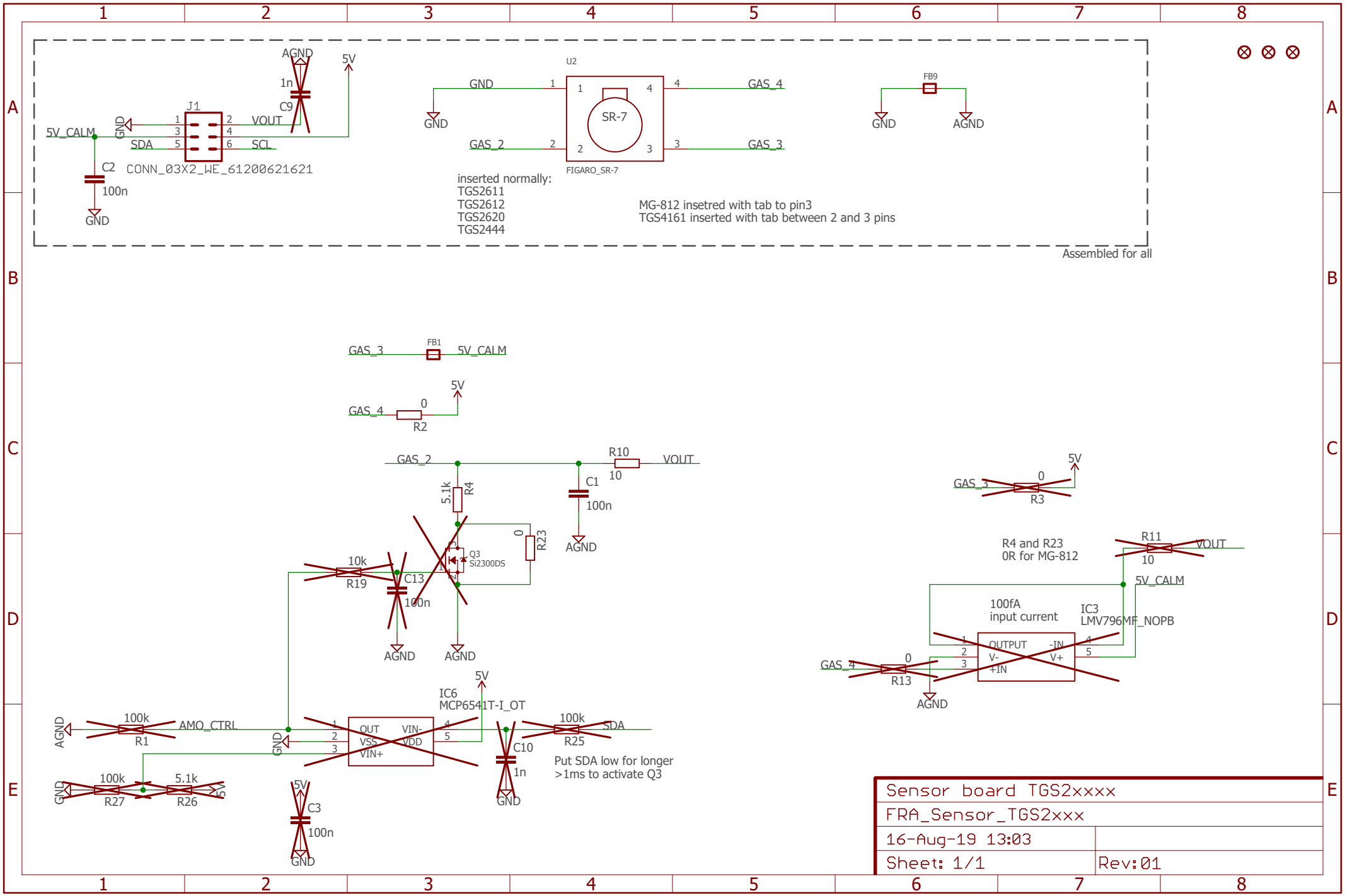
AGND
5V
1n
C9
J1
5V_CALM
GND
SDA
VOUT
SCL
C2
100n
CONN_03X2_WE_61200621621
GND
U2
GND
GAS_4
GND
GAS_2
GAS_3
SR-7
FIGARO_SR-7
FB9
GND
AGND
inserted normally:
TGS2611
TGS2612
TGS2620
TGS2444
MG-812 insetred with tab to pin3
TGS4161 inserted with tab between 2 and 3 pins
Assembled for all
GAS_3
FB1
5V_CALM
5V
GAS_4
0
R2
GAS_2
R10
VOUT
10
C1
100n
AGND
5.1k
R4
0
R23
Q3
Si2300DS
10k
R19
C13
100n
AGND
AGND
5V
GAS_3
0
R3
R4 and R23
0R for MG-812
R11
VOUT
10
5V_CALM
100fA
input current
IC3
LMV796MF_NOPB
OUTPUT
-IN
V-
V+
+IN
GAS_4
0
R13
AGND
5V
IC6
MCP6541T-I_OT
AGND
100k
R1
AMO_CTRL
GND
OUT
VIN-
VSS
VDD
VIN+
100k
R25
SDA
C10
1n
GND
Put SDA low for longer
>1ms to activate Q3
GND
100k
R27
5.1k
R26
5V
5V
C3
100n
GND
Sensor board TGS2xxxx
FRA_Sensor_TGS2xxx
16-Aug-19 13:03
Sheet: 1/1
Rev:01