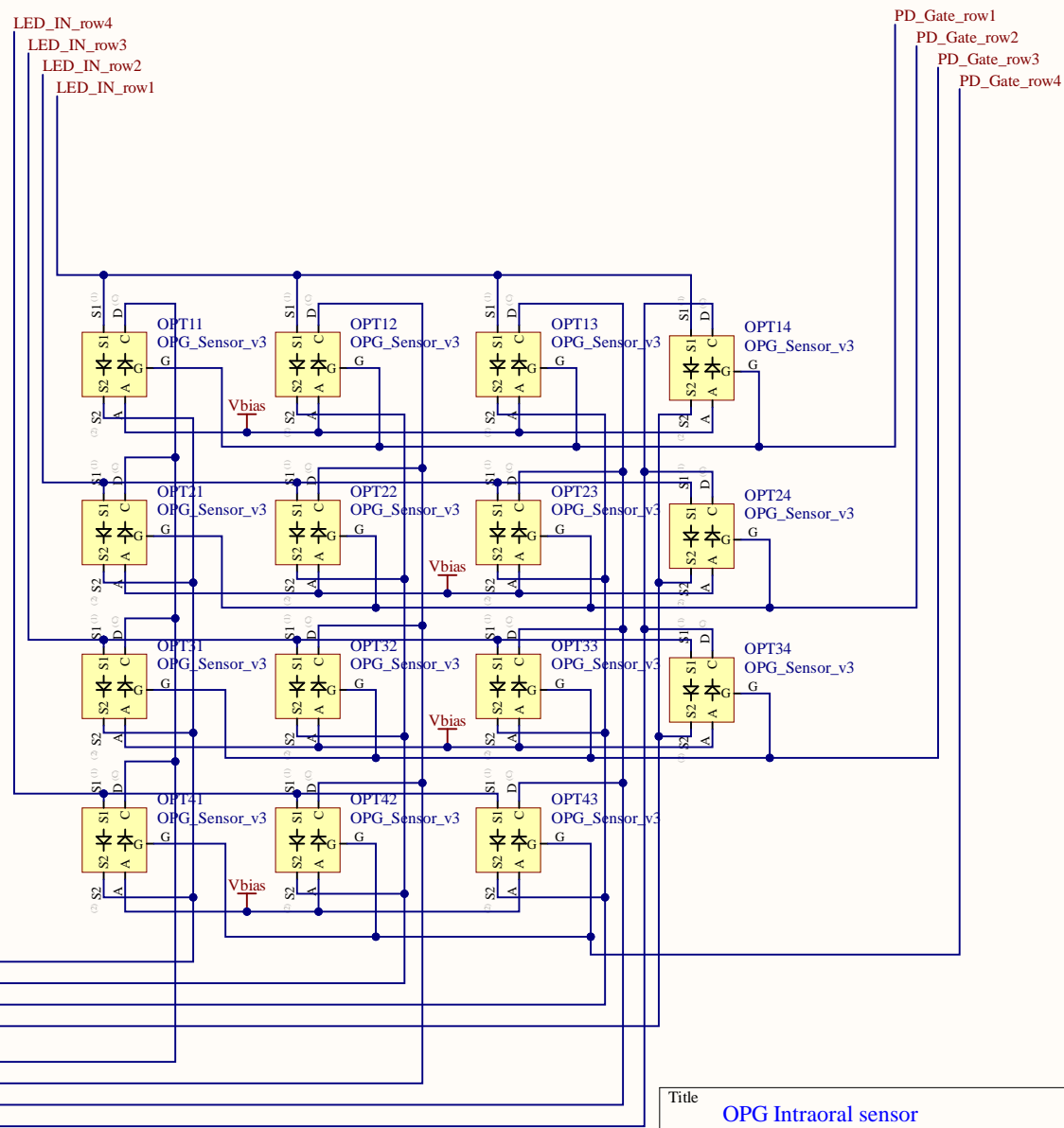


Bottom:
 PDs: columns = Iphoto
 PDs: rows = select gate

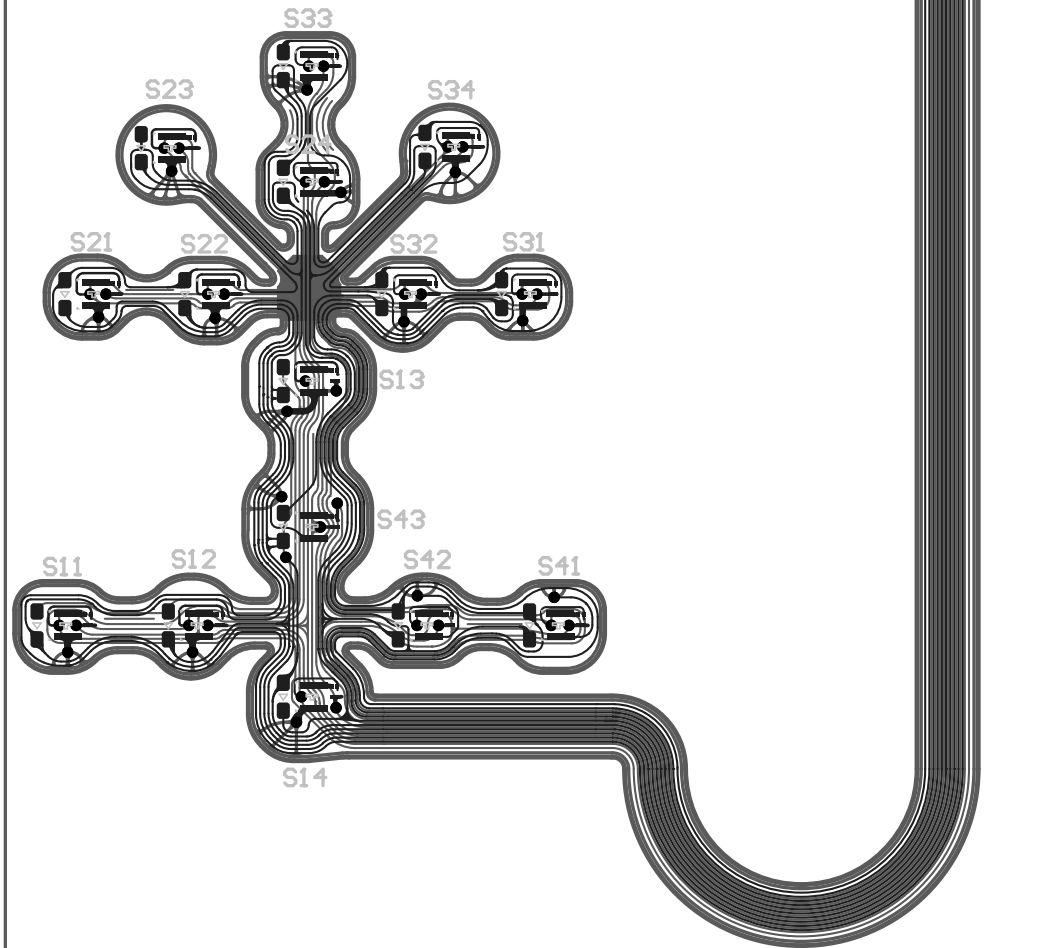
Top:
 LEDs: columns = I_out
 LEDs: row = I_in

LED_OUT_col1
 LED_OUT_col2
 LED_OUT_col3
 LED_OUT_col4
 PD_col1
 PD_col2
 PD_col3
 PD_col4



Title		
OPG Intraoral sensor		
Size	Number	Revision
A4		1
Date:	5.01.2024	Sheet of
File:	C:\Users\...\OPG_v8_schematics.SchDoc	Drawn By: Christoph Wagner

Bottom	Top
Vbias	Vbias
PD_Gate_row4	LED_OUT_col4
PD_Gate_row3	LED_OUT_col3
PD_Gate_row2	LED_OUT_col2
PD_Gate_row1	LED_OUT_col1
PD_col4	LED_IN_row4
PD_col3	LED_IN_row3
PD_col2	LED_IN_row2
PD_col1	LED_IN_row1



Comment	Description	Designator	Footprint	LibRef	Quantity
OPG_Sensor_v3		OPT11, OPT12, OPT13, OPT14, OPT21, OPT22, OPT23, OPT24, OPT31, OPT32, OPT33, OPT34, OPT41, OPT42, OPT43	OPG_SENSOR_3	OPG_Sensor_v3	15
AMPHENOL_10132797-021100LF_Bergstak_plug	20 pin, 0.5 mm pitch, 3 mm mated height, plug/male	P1	AMPHENOL_10132797-021100LF_Bergstak_plug	AMPHENOL_10132797-021100LF_Bergstak_plug	1