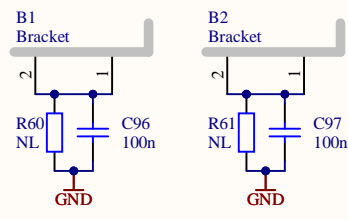
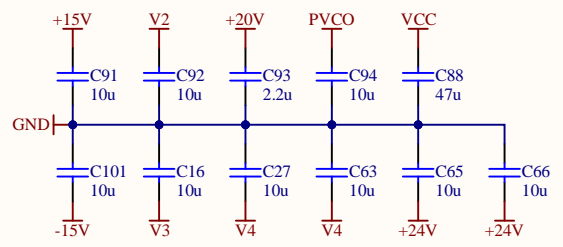


**Variant 1050:**  
 DC gain = 1  
 High f gain = 1/25.95  
 Pole @ 1.536 Hz  
 Zero @ 39.9 Hz  
**Variants 800 & 1600:**  
 DC gain = 1/2  
 High f gain = 1/52.00  
 Pole @ 1.535 Hz  
 Zero @ 39.9 Hz  
**Variant 203:**  
 DC Gain = 1/4  
 Pole @ 1.594 Hz  
 Zero @ 39.8 Hz

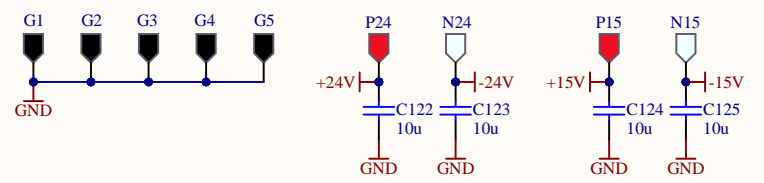
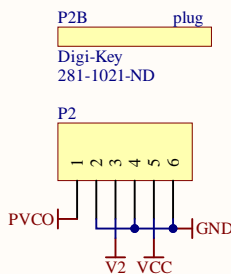
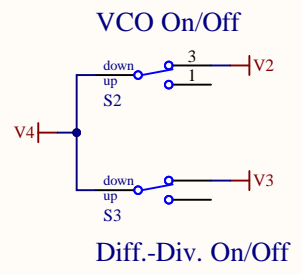
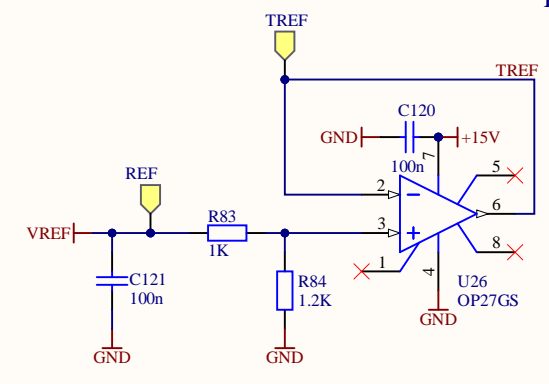
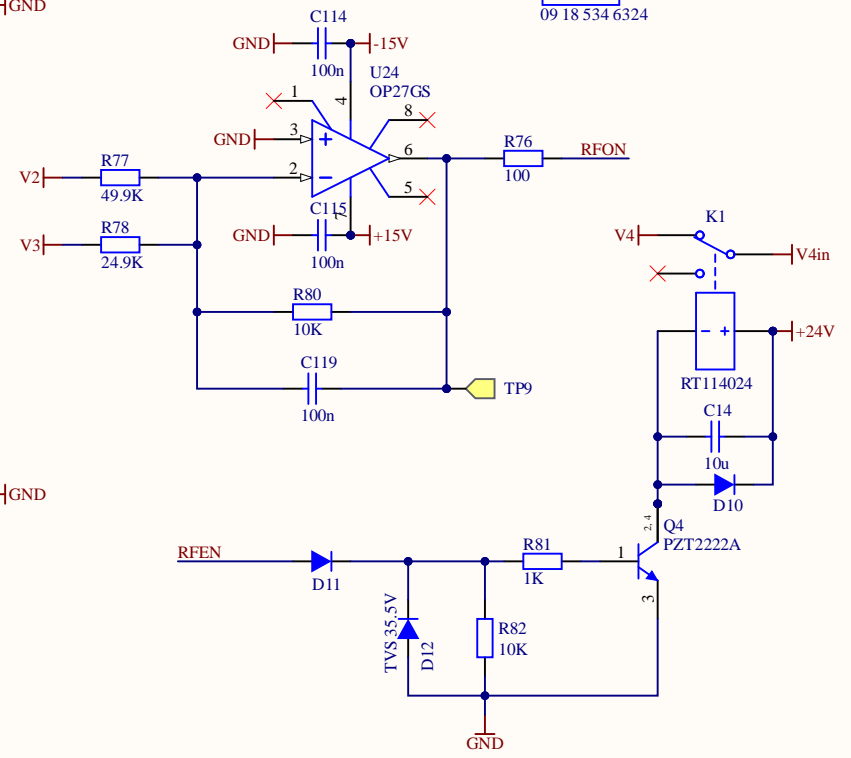
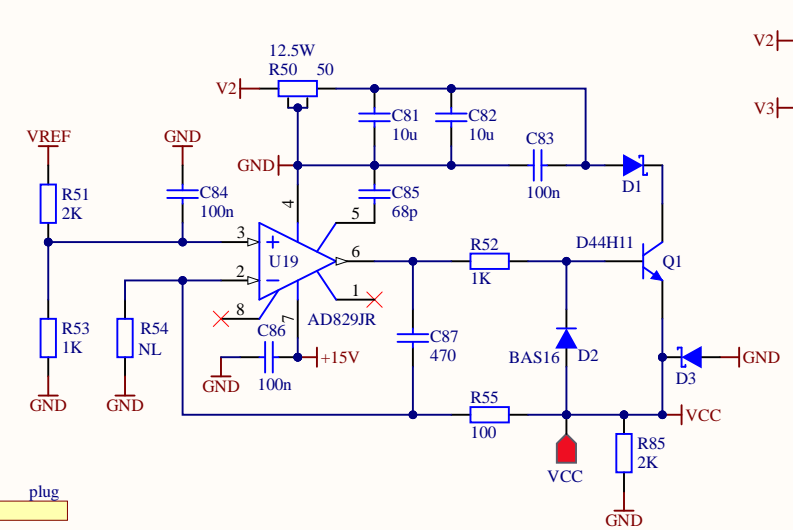
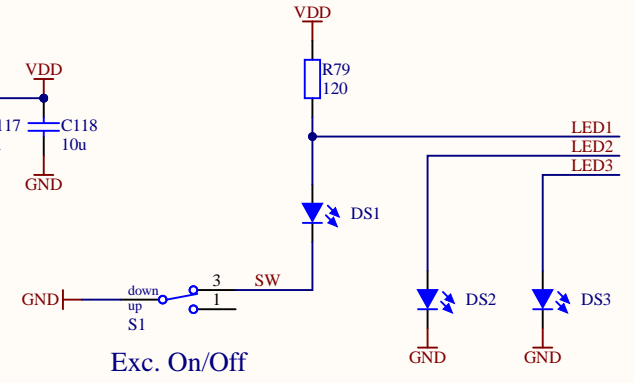
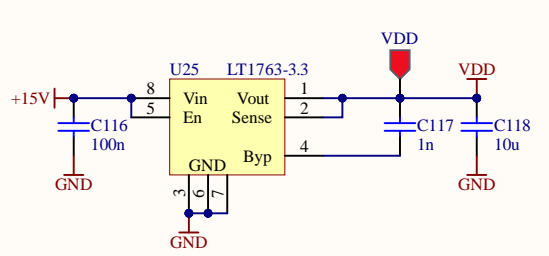
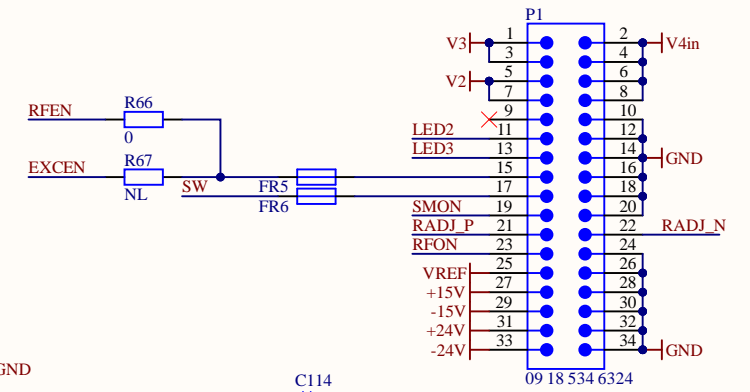
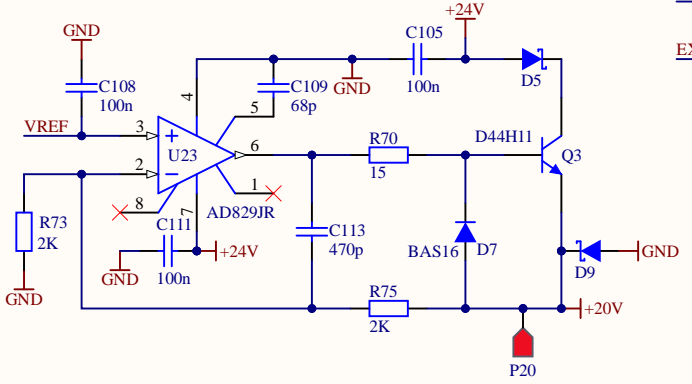
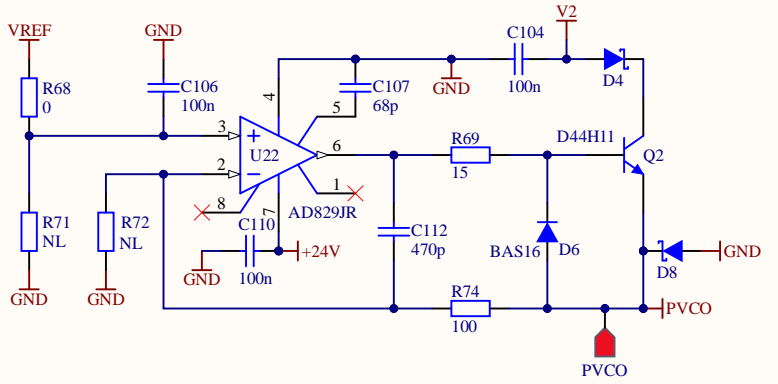
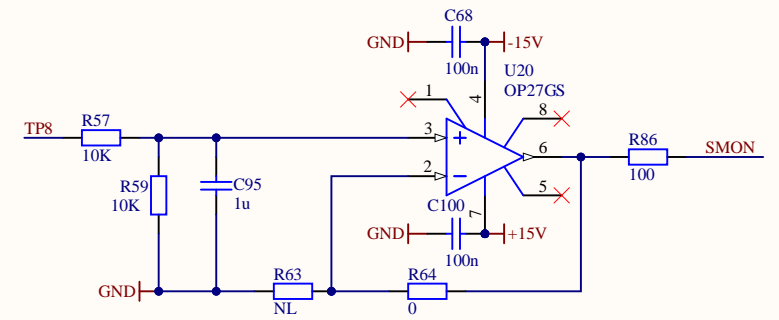
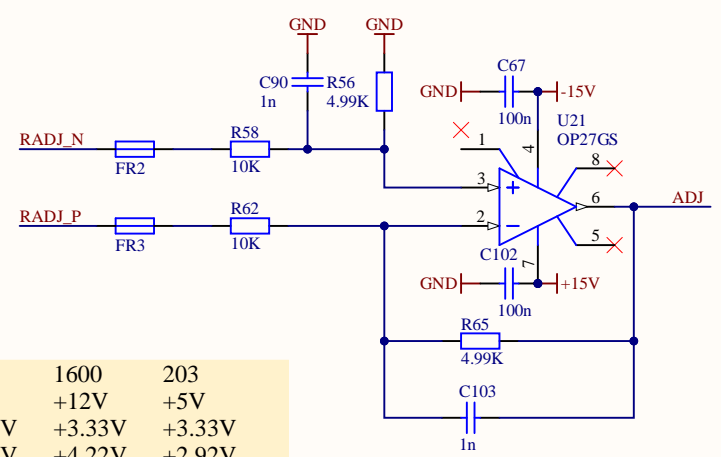
<b>Low Noise VCO: Oscillator Source</b>		
Size B	Number <b>D0900609</b>	Revision <b>3</b>
Date: 3/06/2024	Sheet 1 of 2	
File: C:\Users\d... \VCOSource1.SchDoc	Drawn By: Daniel Sigg	



- H2 #4 screw, 3/8"
- H3 #4 screw, 3/8"
- H4 #4 screw, 3/8"
- H5 #4 screw, 3/8"
- McMaster-Carr 90272A108
- McMaster-Carr 90272A108
- H6 #4 lock washer
- H7 #4 lock washer
- H8 #4 lock washer
- H9 #4 lock washer
- McMaster-Carr 91113A005
- McMaster-Carr 91113A005
- H10 #4 nut
- H11 #4 nut
- H12 #4 nut
- H13 #4 nut
- McMaster-Carr 90480A005
- McMaster-Carr 90480A005



Variant	1050	800	1600	203
PVCO	+10V	+5V	+12V	+5V
VCC	+3.33V	+3.33V	+3.33V	+3.33V
TREF	+5.45V	+2.68V	+4.22V	+2.92V



Title		
<b>Low Noise VCO: Oscillator Source</b>		
Size	Number	Revision
B	<b>D0900609</b>	<b>3</b>
Date:	3/06/2024	Sheet 2 of 2
File:	C:\Users\daniel\VCOSource2.SchDoc	Drawn By: Daniel Sigg

