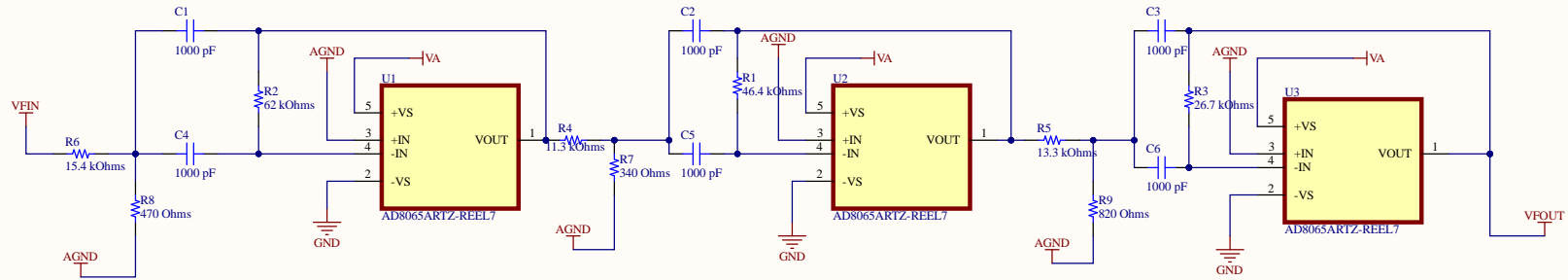
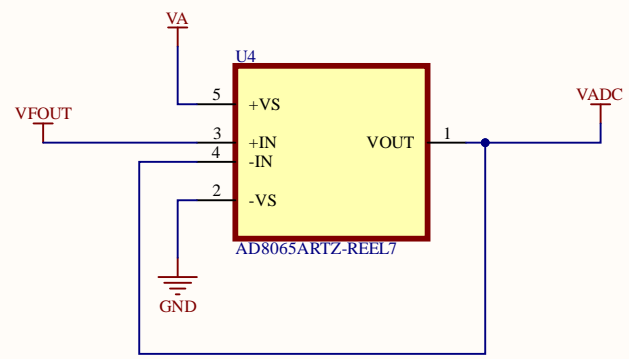


6 Pole Butterworth Bandpass Filter



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Size	Number	Revision
A3		
Date:	4.17.2022	Sheet of
File:	C:\Users\...\6 Pole Butterworth Bandpass Filter.schDoc	1 of 1

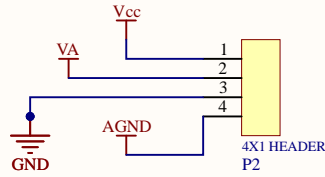
ADC Buffering



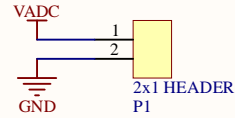
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Size A4	Number		Revision
Date:	4.17.2022	Sheet of	
File:	C:\Users\...\ADC Buffering.SchDoc	Drawn By:	

Input-Output

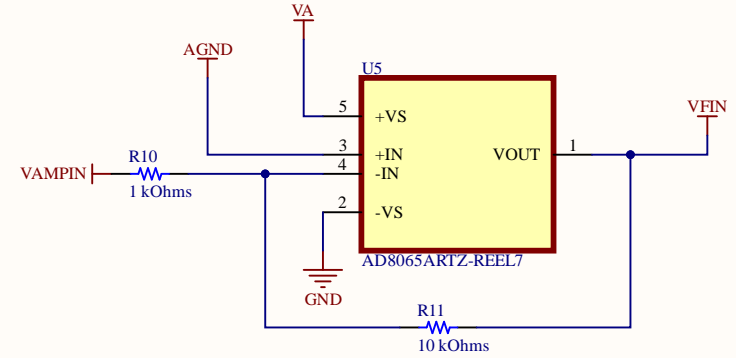
Giriş



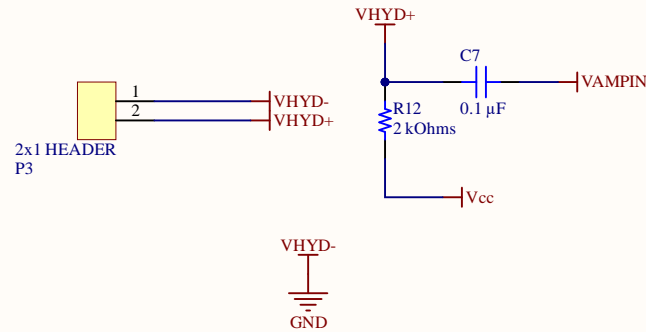
Çıkış



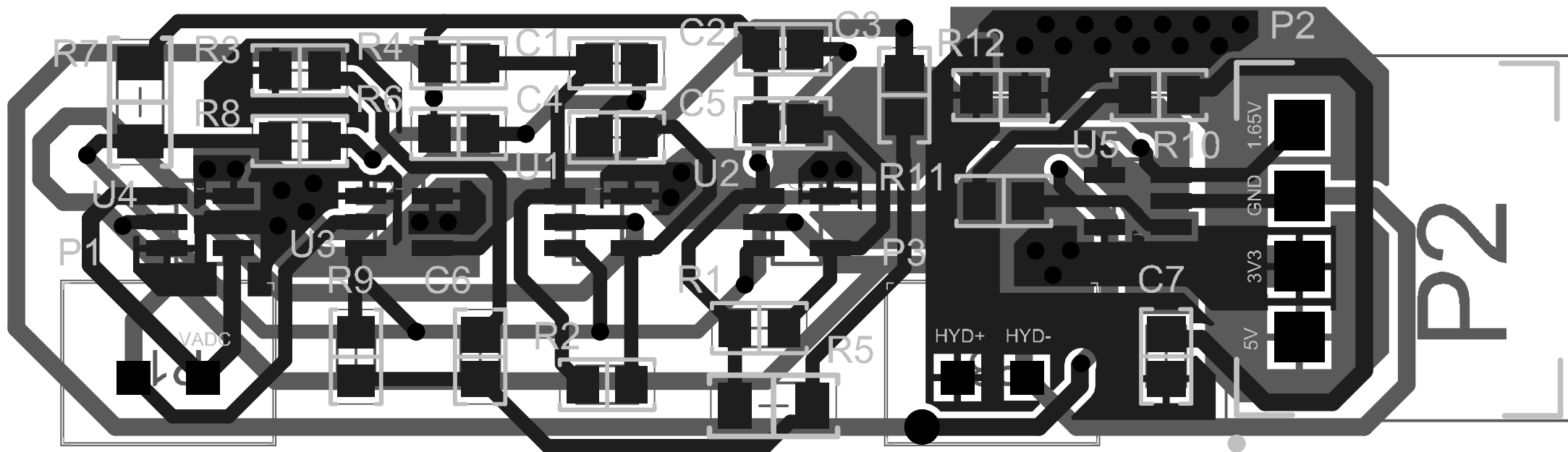
Pre Amp



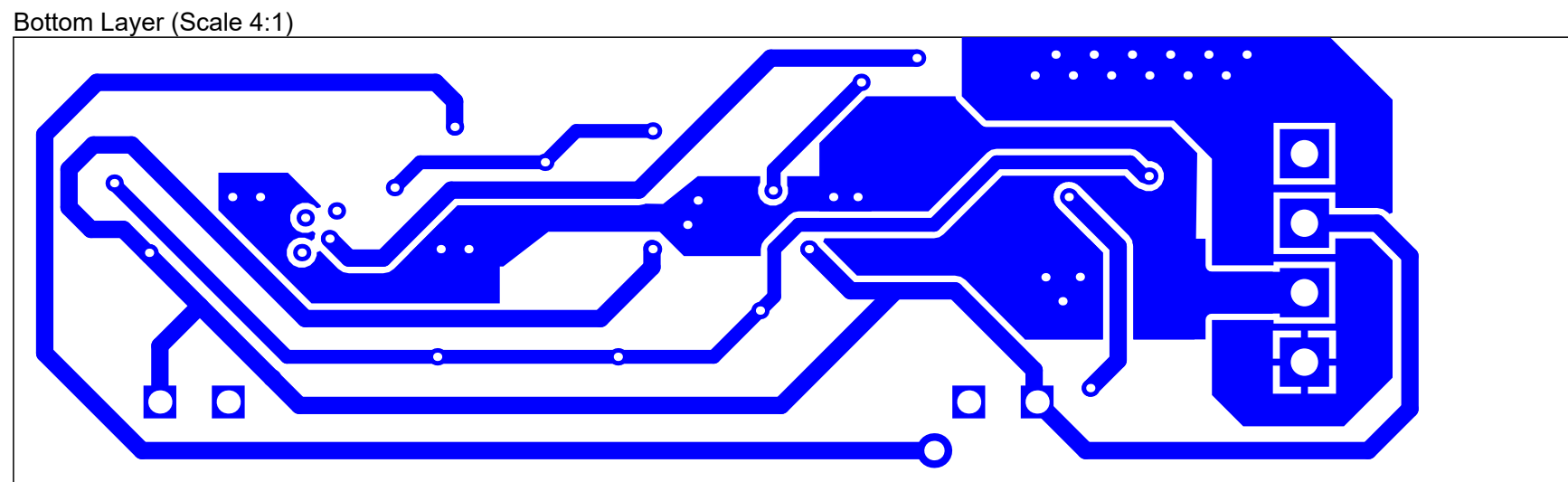
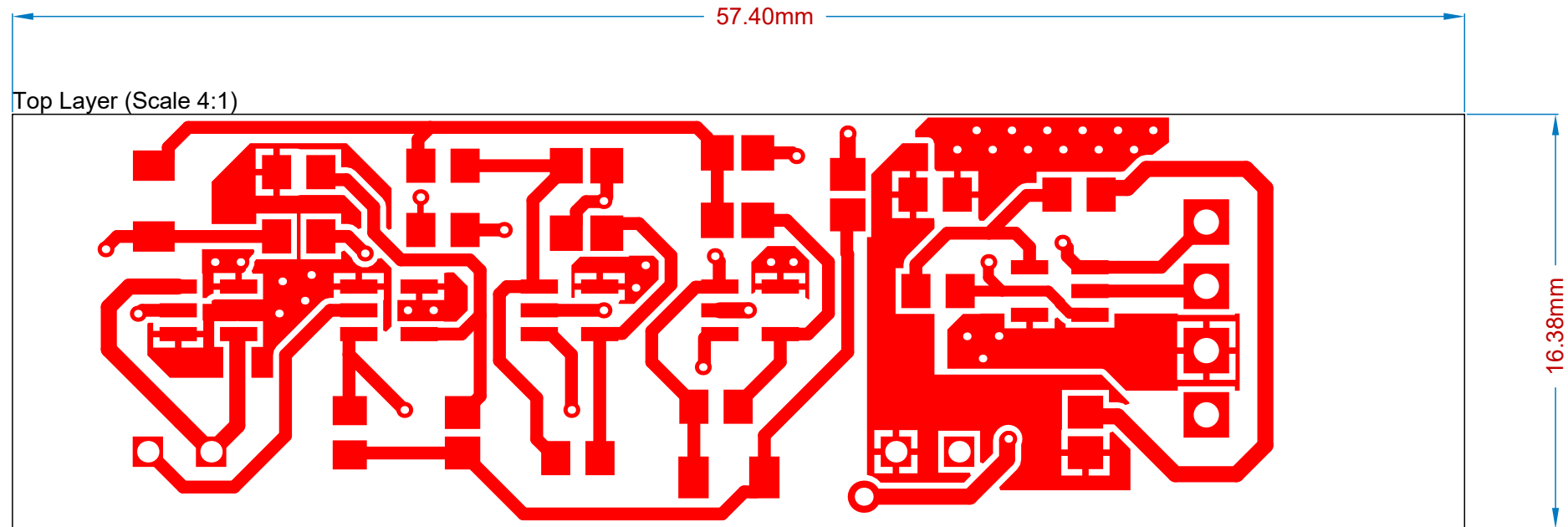
Signal Input

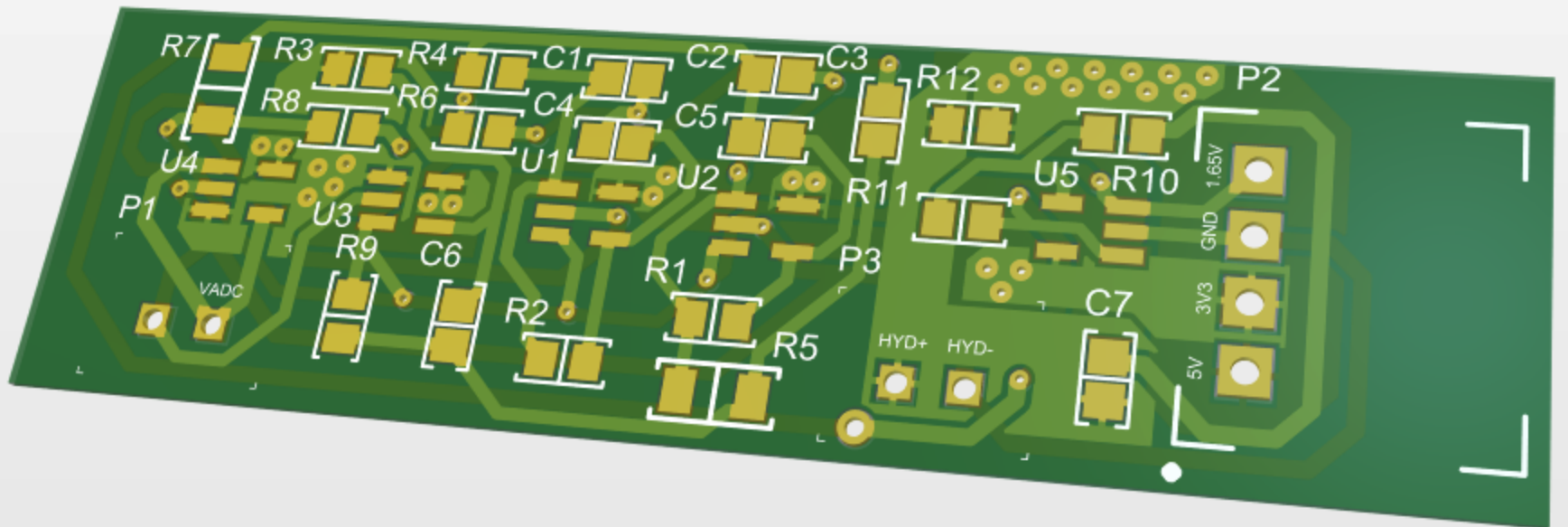
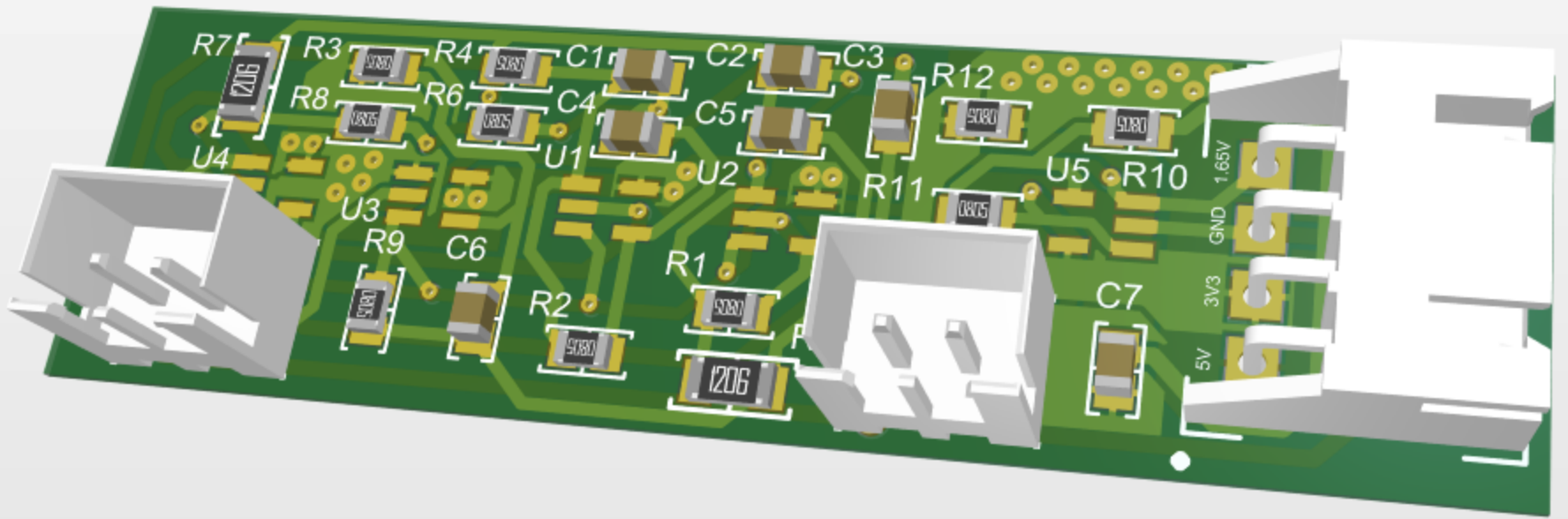


Title		
Size	Number	Revision
A4		
Date:	4.17.2022	Sheet of
File:	C:\Users\...\Input-Output.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
1000 pF	CAP CER 1000PF 100V C0G 0805	C1, C2, C3, C4, C5, C6	CAP 0805_2012	C2012C0G2A102J060 AA	6
0.1 µF	CAP CER 0.1UF 50V X7R 0805	C7	CAP 0805_2012	CC0805MRX7R9BB10 4	1
WIRE-TO BOARD WAFER, 2.5MM, 2 CO	Connector Header Through Hole 2 position 0.098" (2.50mm)	P1, P3	51025-02-0100-01	51025-02-0100-01	2
WIRE-TO BOARD HEADER, 2.5MM, 4 C	Wire-to Board Header, 2.5MM, 4 C	P2	51125-04-0200-01	51125-04-0200-01	1
46.4 kOhms	RES SMD 46.4K OHM 0.5% 1/8W 0805	R1	RES 0805_2012	RT0805DRE0746K4L	1
62 kOhms	RES SMD 62K OHM 0.1% 1/10W 0805	R2	RES 0805_2012	CPF0805B62KE1	1
26.7 kOhms	RES SMD 26.7K OHM 1% 1/8W 0805	R3	RES 0805_2012	ERJ-6ENF2672V	1
11.3 kOhms	RES 11.3K OHM 1% 1/4W 0805	R4	RES 0805_2012	RK73H2ATTD1132F	1
13.3 kOhms	RES 13.3K OHM 1% 1/4W 1206	R5	RES 1206_3216	RK73H2BTDD1332F	1
15.4 kOhms	RES SMD 15.4K OHM 1% 1/8W 0805	R6	RES 0805_2012	ERJ-6ENF1542V	1
340 Ohms	RES SMD 340 OHM 1% 1/4W 1206	R7	RES 1206_3216	ERJ-8ENF3400V	1
470 Ohms	RES 470 OHM 1% 1/3W 0805	R8	RES 0805_2012	CRGP0805F470R	1
820 Ohms	RES 0805 820R 5% 125MW TC200 LOW	R9	RES 0805_2012	CR0805-JW-821EPF	1
1 kOhms	RES SMD 1K OHM 5% 1/3W 0805	R10	RES 0805_2012	CRGH0805J1K0	1
10 kOhms	RES 10K OHM 0.5% 1/8W 0805	R11	RES 0805_2012	RNCF0805DTE10K0	1
2 kOhms	RES SMD 2K OHM 1% 0.4W 0805	R12	RES 0805_2012	RCS08052K00FKEA	1
AD8065ARTZ-REEL7	Voltage Feedback Amplifier 1 Circuit Rail- to-Rail SOT-23-5	U1, U2, U3, U4, U5	SOT95P290X145-5N	AD8065ARTZ-REEL7	5





Dirençler

11.3k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/koa-speer-electronics-inc/RK73H2ATTD1132F/10233627>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1132T5E>

R340 (Paket: 1206)

Digikey:

<https://www.digikey.com/en/products/detail/panasonic-electronic-components/ERJ-8ENF3400V/88773>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/1206S4F3400T5E>

62k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/te-connectivity-passive-product/CPF0805B62KE1/2382068>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8J0623T5E>

15.4k Paket: (0805)

Digikey:

https://www.digikey.com/en/products/detail/ERJ-6ENF1542V/P15.4KCCT-ND/119315?utm_campaign=buynow&utm_medium=aggregator&curr=usd&utm_source=octopart

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1542T5E>

R470 (Paket: 0805)

Digikey:

https://www.digikey.com/en/products/detail/CRGP0805F470R/A130473CT-ND/8578305?utm_campaign=buynow&utm_medium=aggregator&curr=usd&utm_source=octopart

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8J0471TDE>

46.4k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/yageo/RT0805DRE0746K4L/1078715>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F4642T5E>

13.3k (Paket: 1206)

Digikey:

<https://www.digikey.com/en/products/detail/koa-speer-electronics-inc/RK73H2BTTD1332F/10236178>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/1206S4F1332T5E>

R820 (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/bourns-inc/CR0805-JW-821EPF/8572952>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8J0821T5E>

26.7k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/panasonic-electronic-components/ERJ-6ENF2672V/111557>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F2672T5E>

1k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/te-connectivity-passive-product/CRGH0805J1K0/2385524>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1001T5E>

10k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RNCF0805DTE10K0/1708247>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1002T5E>

2k (Paket: 0805)

Digikey:

<https://www.digikey.com/en/products/detail/vishay-dale/RCS08052K00FKEA/5866986>

Özdisan:

<https://ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F2001T5E>

Kapasiteler

1 nF (Paket: 0805)

Digikey:

https://www.digikey.com/en/products/detail/C2012C0G2A102J060AA/445-2320-1-ND/789829?utm_campaign=buynow&utm_medium=aggregator&curr=usd&utm_source=octopart

Özdisan:

<https://ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B102KBANNNC>

0.1 uF (Paket: 0805)

Digikey:

https://www.digikey.com/en/products/detail/CC0805MRX7R9BB104/311-4351-1-ND/8025440?utm_campaign=buynow&utm_medium=aggregator&curr=usd&utm_source=octopart

Özdisan:

<https://ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B104KCFNNNE>