

CornyKloneBuff

Build Document



Introduction

Need a buffer? Here ya go. Take your pick.

Bill of Materials

Resistors

P/N	Cornish	Klon
R1	120k	100k
R2	200k	100k
R3	120k	1M
R4	51R	560R
R5	20k	100k
R6	10M	<i>Omit</i>
R7	1k	Jumper
R8	7k5	<i>Omit</i>

Diodes

I obtained all of my diodes from Tayda. That's what the layout was setup for.

P/N	Value	Notes
D1	1N400x	Polarity protection.

Capacitors

I obtained all of my caps from Tayda. That's what the layout was setup for.

P/N	Cornish	Klon	Type
C1	100n	100n	Film Box
C2	4u7	47u	Aluminum Electrolytic
C3	22u	1u	Aluminum Electrolytic
C4	1n	<i>Omit</i>	Film Box

Integrated Circuits

I obtained all of my integrated circuits from Tayda. That's what the layout was setup for.

P/N	Cornish	Klon
IC1	<i>Omit</i>	TL072

Transistors

I obtained all of my transistors from Tayda. That's what the layout was setup for.

P/N	Cornish	Klon
Q1	BC549	<i>Omit</i>



Switches

P/N	Cornish	Klon
JP1	Jump 2 to 3	Jump 1 to 2

Other Parts

Qty	Value	Notes
1	8-pin socket	For the IC or transistor

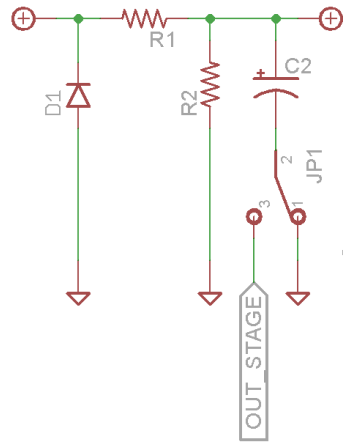
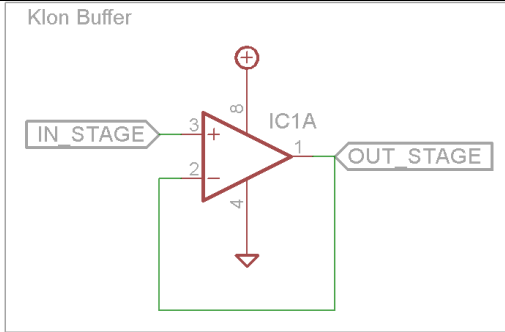
Build Notes

Suggested Solder Order

Always solder JP1 first!



Schematic



KBuffer - JP1 to GND
Cornish - JP1 to OUT_STAGE

