























+/- 2.5V ref generator 9VDC power entry 5V regulator D1401 +9 FB1402 U1402 B5819W TP1404 R R1405 O 9VDC_IND-+5 +2V5 390 D1406 LED C1405 - C1409 470n 100n R1407 10k C1411 U1403 100n LM4040C-2.5 TP1407 GND GND $\dot{}$ GND C1412 U1404 100n LM4040C-2.5 GND GND +/- 12V DC-DC converter TP1406 R1406 6k8 -2V5 10uH, 1.2A +12V U1401 +9V FB1401 C1404 -12V LT3467A D1404 ↑ 100R @ 100MHz ♀ 1u B5819W Vin TP1403 R1403 114k C1403 R1402 SHDN 1 u opamp power pins C1401 C1410 C1407 4u7 +12V SS GND 10u 4u7 D1403 R1404 13k3 B5819W C1402 100n ± u3c [∓] U5C > U4C > U6C | TL072 ₁ TL072 1 TL072 ₁ TL072 C1408 ____ C1406 ____ D1402 B5819W GND 10u **-** 4u7 R1401 1 O TP1402 -12V B5819W D1405 -12V Author: Jordan Aceto Licence: CC by 4.0 creativecommons.org/licences/by/4.0 Sheet: /power_supply/ File: power_supply.kicad_sch Title: Micro-Pico Tiny Monosynth Size: A4 Date: 2022-08-18

+2V5_REF

-2V5_REF

> U7C

KiCad E.D.A. eeschema 6.0.5+dfsg-1~bpo11+1

₁ TL072

> U12C

₁ TL072

Rev: 0.1

ld: 14/13

> U15C

1 TL072