



$$R14 = R20 \times \left(\frac{1.2V}{0.25V} - 1 \right)$$

$$R20 = 220K$$

Turn-on ≈ 1.6V
R14 = 820K

$$R17 = R22 \times \left(\frac{3.3V}{0.5V} - 1 \right)$$

$$R22 = 1M2$$

$$R17 = R21 \times \left(\frac{5V}{0.5V} - 1 \right)$$

$$R17 = 2M$$

NorTron

Microelectronics

- * NorTron Microelectronics by Darryl Norman *
- * Target device: NC083LXB-A Arduino Uno ATmega328-P with LoRa and APDS-9960
- * Target frequency: AU915 sub-band 2 (916.8 to 918.2 uplink)



H1 MountingHole_Pad

FID1 FIDUCIAL

FID2 FIDUCIAL

FID3 FIDUCIAL

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Glenroy NSW 2640
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Sheet: /

File: NC085PSU.kicad_sch

Title: NC085PSU-01-01 Solar Super Cap Power Supply

Size: A3

Date: 2022-03-03

Rev: A

KiCad E.D.A. kicad (6.0.1)

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