

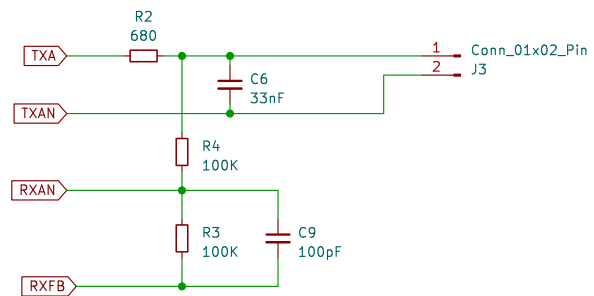
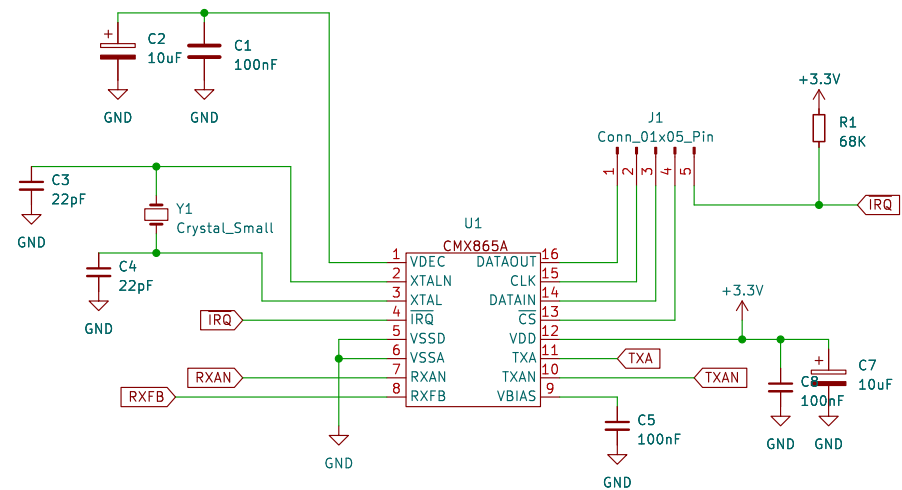
Bruce MacKinnon

Sheet: /
File: bell103-host-hw.kicad_sch

Title: V103 Modem Board

Size: USLetter | Date: 18-June-2023
KiCad E.D.A. kicad (7.0.0)

Rev: V1
Id: 1/3



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Sheet: /Modem /
File: modem.kicad_sch

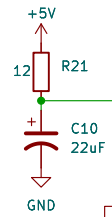
Title:

Size: A4
KiCad E.D.A. kicad (7.0.0)

Date:

Rev:
Id: 2/3

Supply Decoupling Filter



Transformer_1P41S

T1

TIP

R22
300

GND

TIP

RING

Subscriber Line

TIP

RING

Connection to Audio Monitor

1

J5
Conn_01x01

+

C21
C_Polarized_US

1

2

J4
Conn_01x02

Connection to Modem

R23
R

R24
150

+3.3V

R25
1K

Off Hook Detector

1

J7
Conn_01x01

GND

Q1
MMBT3904

1

GND

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Sheet: /Subscriber Loop/
File: subscriber-loop.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (7.0.0)

Date:

Rev:
Id: 3/3