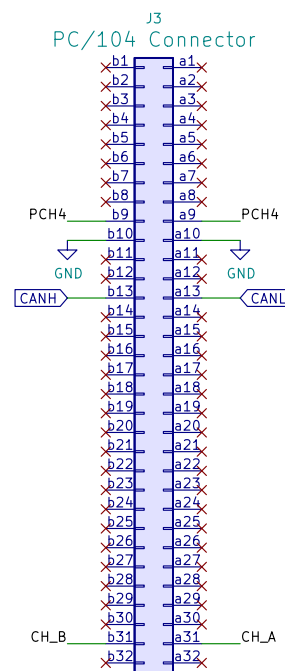
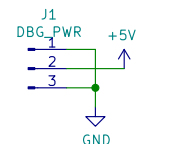


Platform Bus

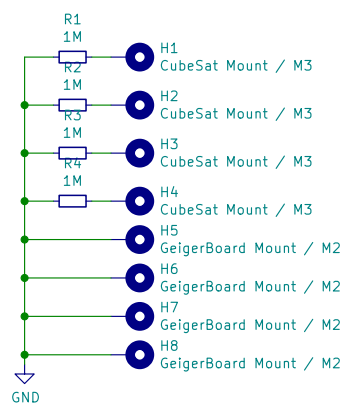
PC/104 Connector



Debug Power

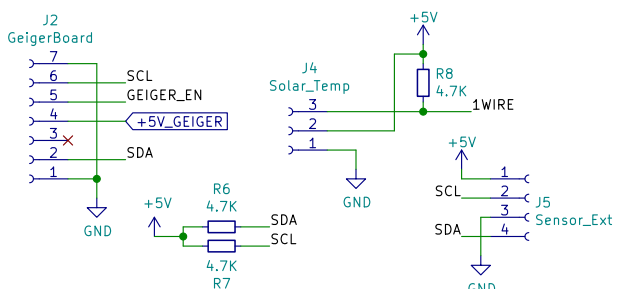


Mounting Holes



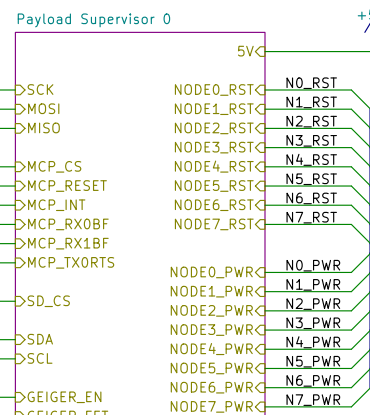
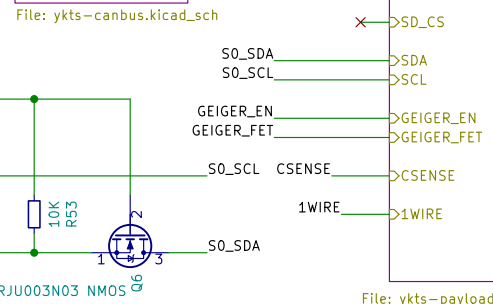
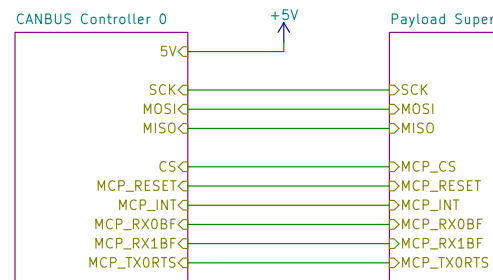
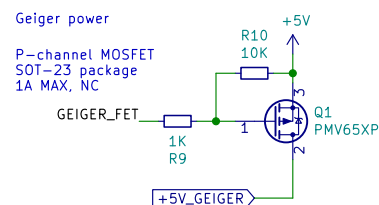
Auxiliary Devices

Geiger board,
DS18B20 sensors



Geiger power

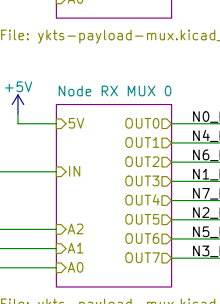
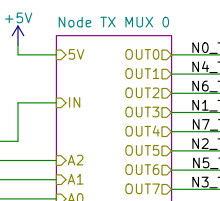
P-channel MOSFET
SOT-23 package
1A MAX, NC



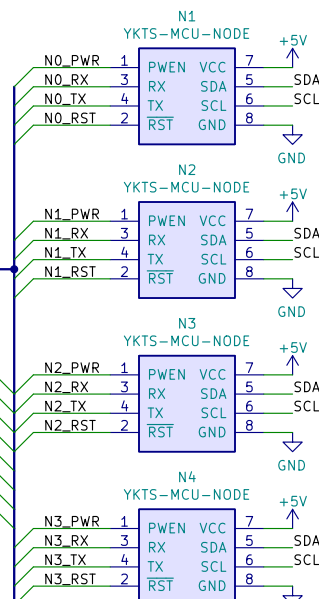
File: ykts-payload-supervisor.kicad_sch

Node Group 0

Nodes 0-7
Top side

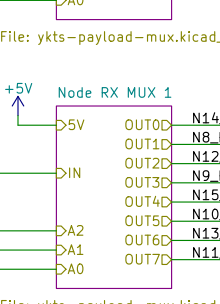
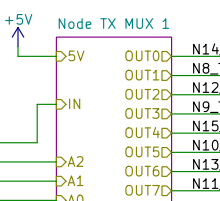


File: ykts-payload-mux.kicad_sch

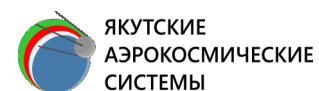
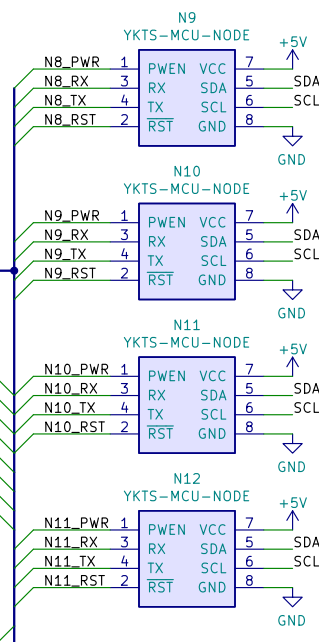


Node Group 1

Nodes 8-15
Bottom side



File: ykts-payload-mux.kicad_sch



Sakha Aerospace Systems, LLC

Sheet: /

File: ykts-payload.kicad_sch

Title: YktSat Payload Module

Size: A3

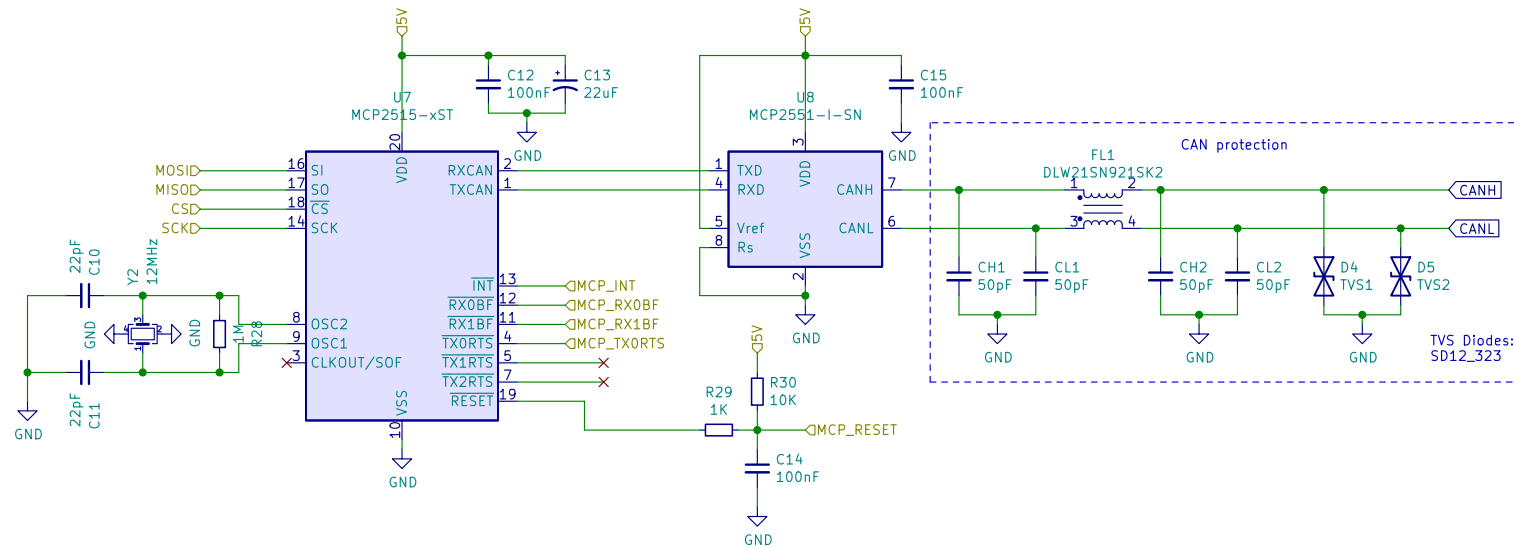
Date: 2021-12-07

Rev: D1

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Id: 1/11

CANBUS Controller



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /CANBUS Controller 0/

File: ykts-canbus.kicad_sch

Title: YktSat Payload Module

Size: A4

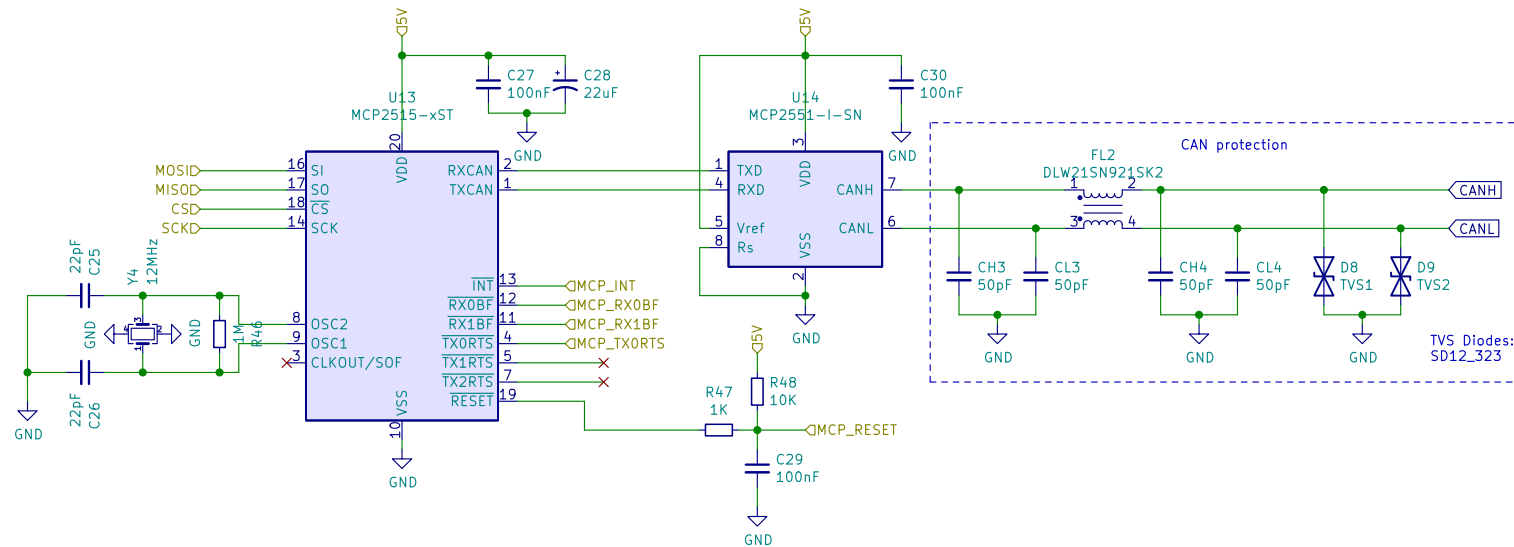
Date: 2021-12-07

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Rev: D1

Id: 2/11

CANBUS Controller



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /CANBUS Controller 1/

File: ykts-canbus.kicad_sch

Title: YktSat Payload Module

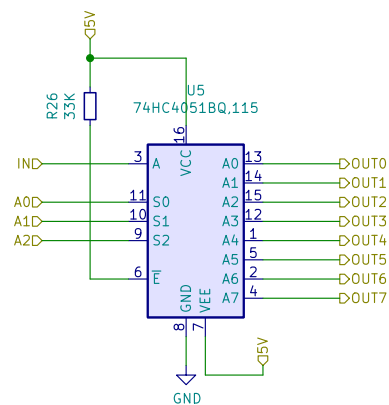
Size: A4

Date: 2021-12-07

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Rev: D1

Id: 3/11



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /Node RX MUX 0/

File: ykts-payload-mux.kicad_sch

Title: YktSat Payload Module

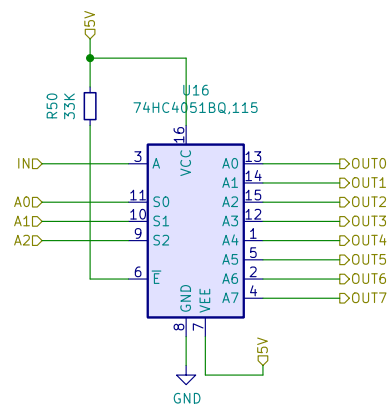
Size: A4

Date: 2021-12-07

Rev: D1

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Id: 4/11



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /Node RX MUX 1/

File: ykts-payload-mux.kicad_sch

Title: YktSat Payload Module

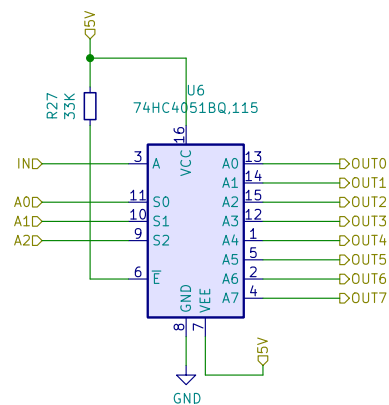
Size: A4

Date: 2021-12-07

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Rev: D1

Id: 5/11



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /Node TX MUX 0/

File: ykts-payload-mux.kicad_sch

Title: YktSat Payload Module

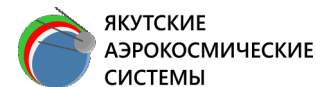
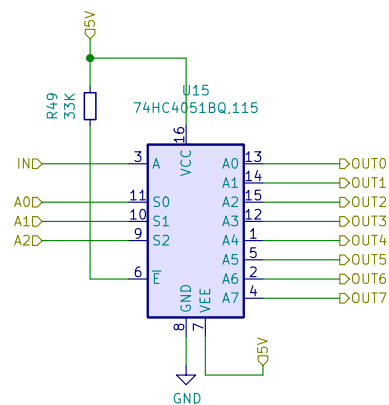
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Date: 2021-12-07

Rev: D1

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Id: 6/11



Sakha Aerospace Systems, LLC

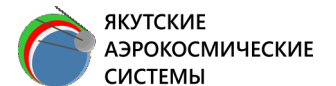
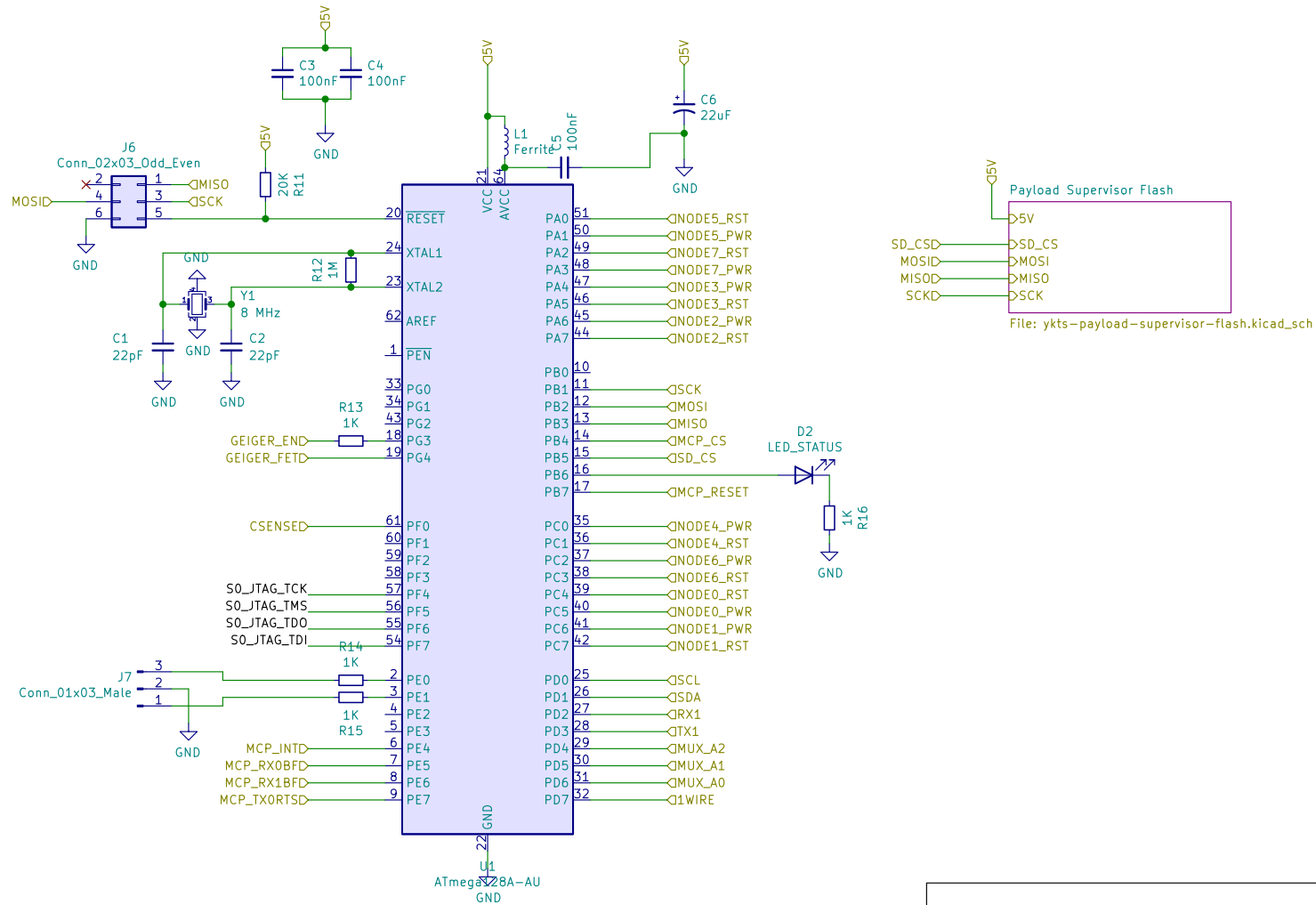
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File: ykts-payload-mux.kicad_sch

Title: YktSat Payload Module

Size: A4
KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Rev: D1
Id: 7/11

Supervisor



Sakha Aerospace Systems, LLC

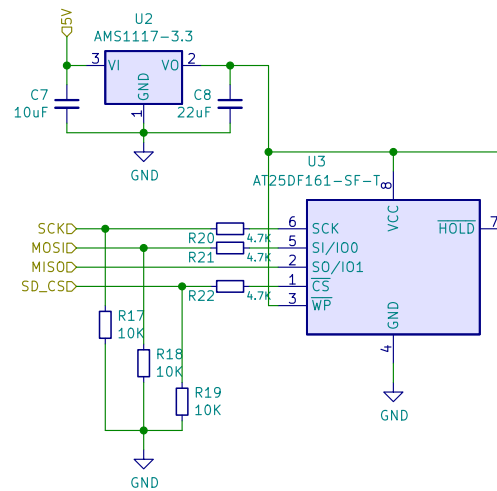
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File: ykts-payload-supervisor.kicad_sch

Title: YktSat Payload Module

Size: A4 Date: 2021-12-07
KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Rev: D1
Id: 10/11

SPI Flash



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /Payload Supervisor 0/Payload Supervisor Flash/
File: ykts-payload-supervisor-flash.kicad_sch

Title: YktSat Payload Module

Size: A4

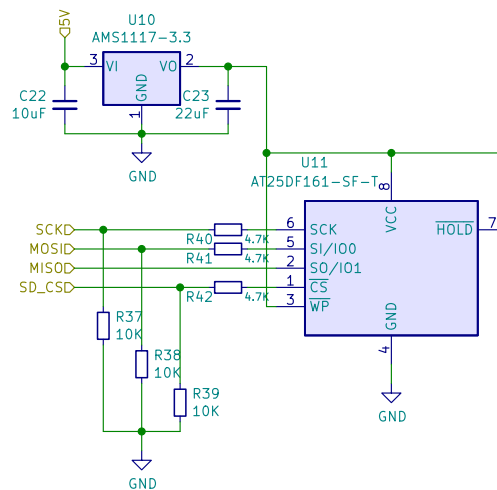
Date: 2021-12-07

Rev: D1

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Id: 13/11

SPI Flash



ЯКУТСКИЕ
АЭРОКОСМИЧЕСКИЕ
СИСТЕМЫ

Sakha Aerospace Systems, LLC

Sheet: /Payload Supervisor 1/Payload Supervisor Flash/
File: ykts-payload-supervisor-flash.kicad_sch

Title: YktSat Payload Module

Size: A4

Date: 2021-12-07

Rev: D1

KiCad E.D.A. kicad (6.0.0-rc1-310-gf24bdf4067)

Id: 13/11