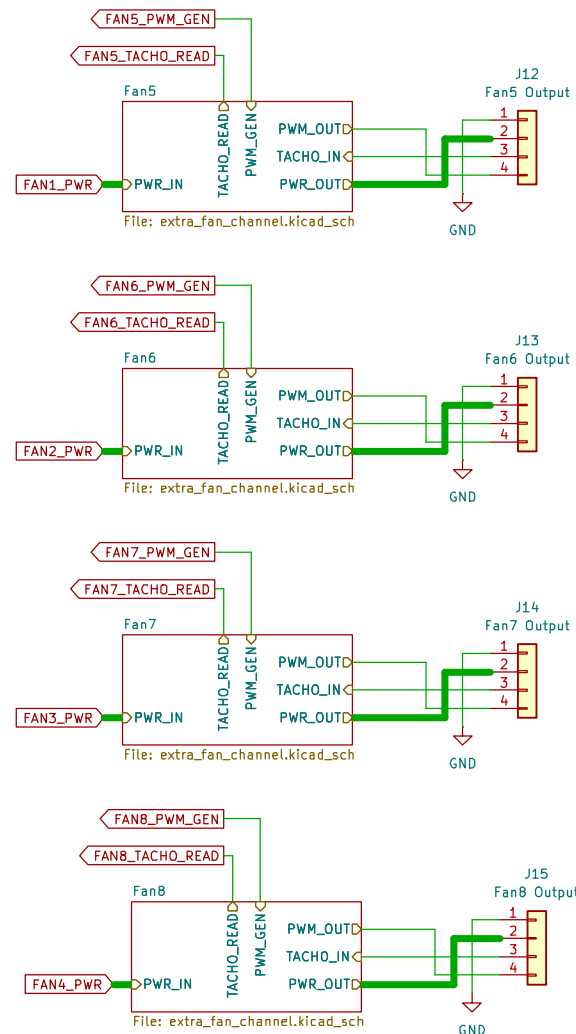
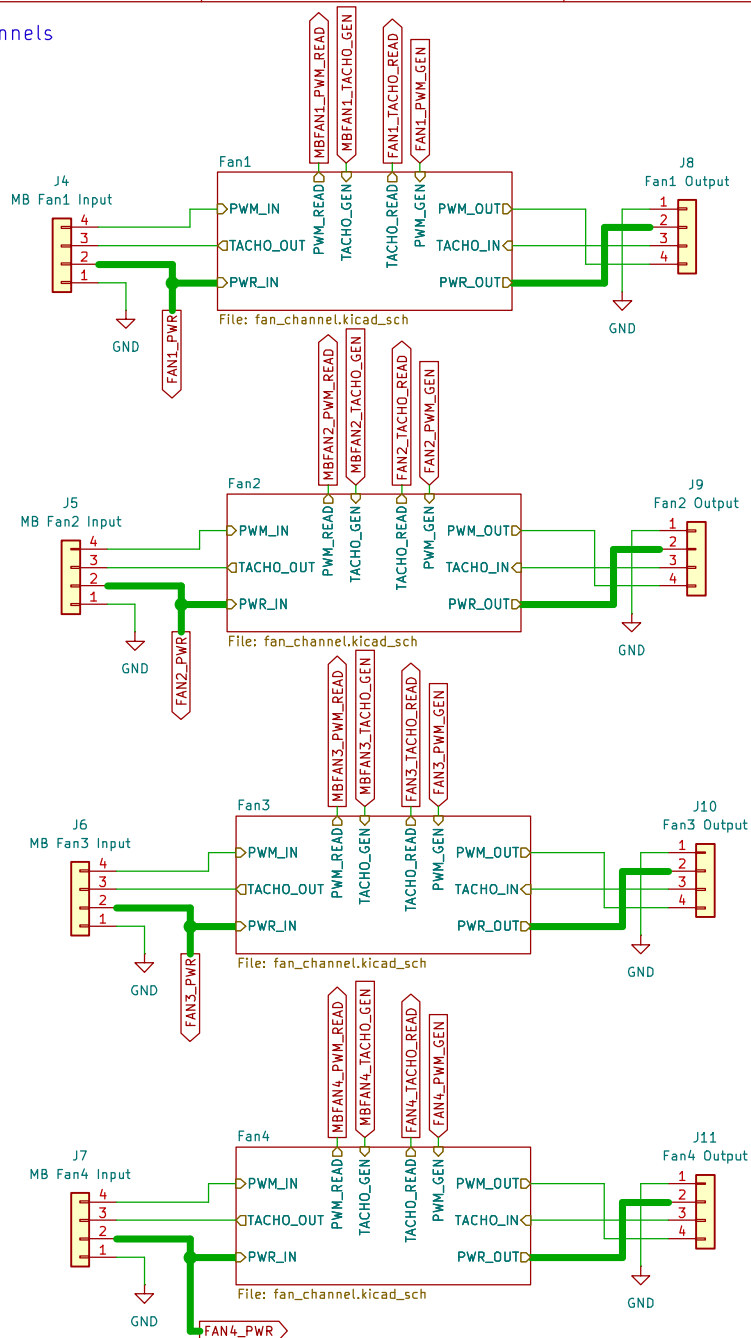


Fan Channels



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/

File: fan_channels.kicad_sch

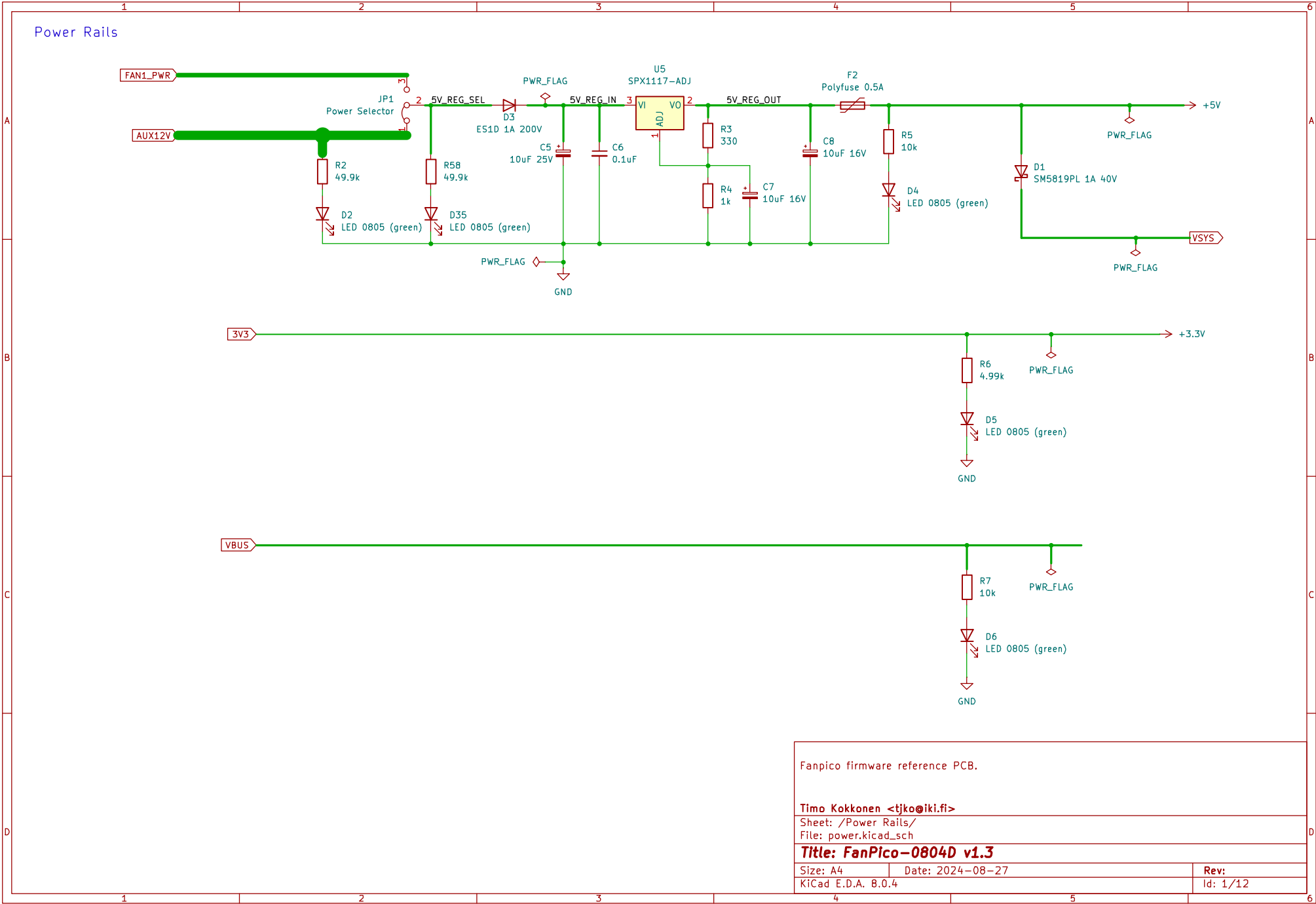
Title: FanPico-0804D v1.3

Size: A4 Date: 2024-08-27

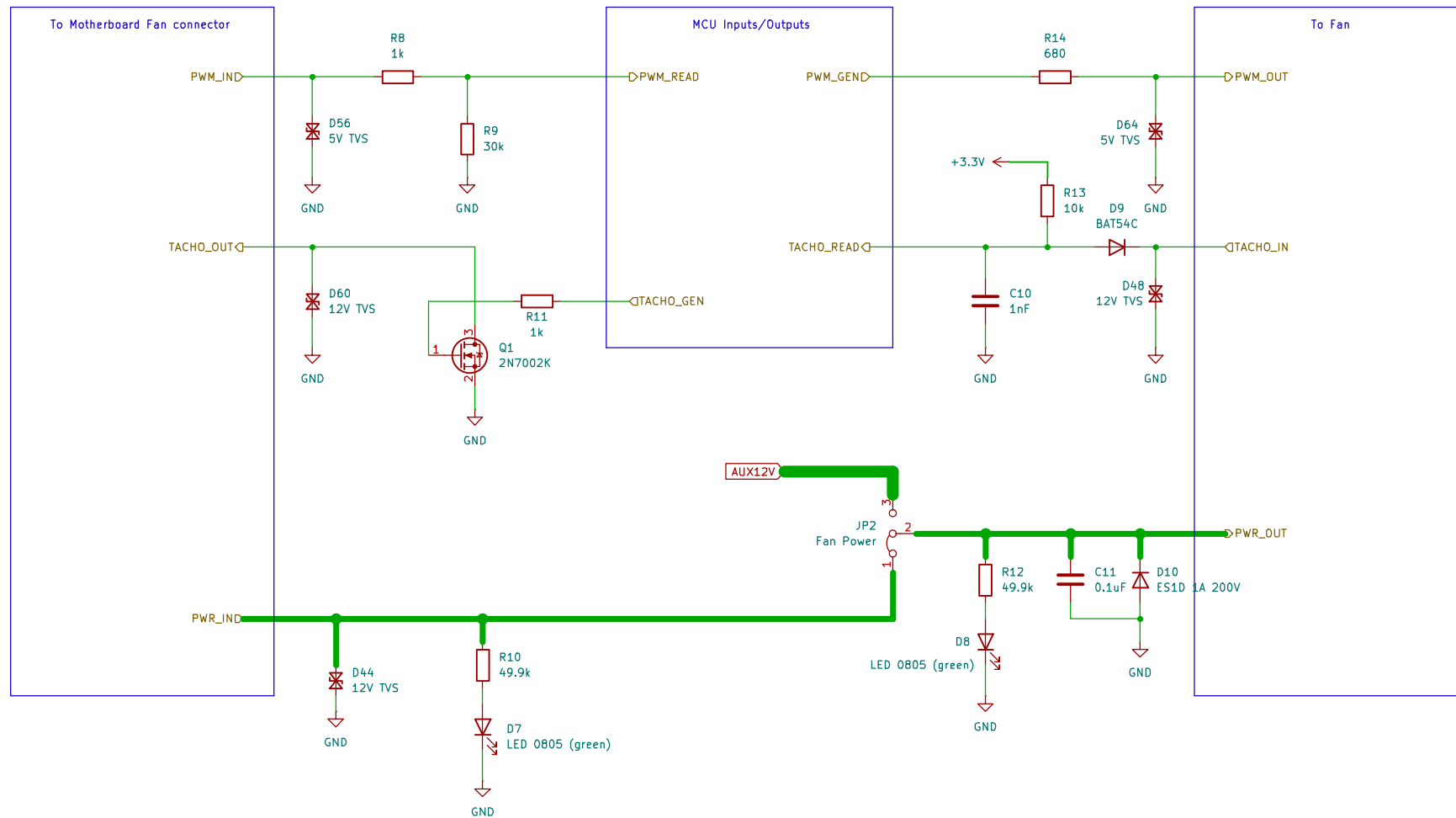
KiCad E.D.A. 8.0.4

Rev:

Id: 1/12



Fan Channel: Fan1



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan1/

File: fan_channel.kicad_sch

Title: FanPico-0804D v1.3

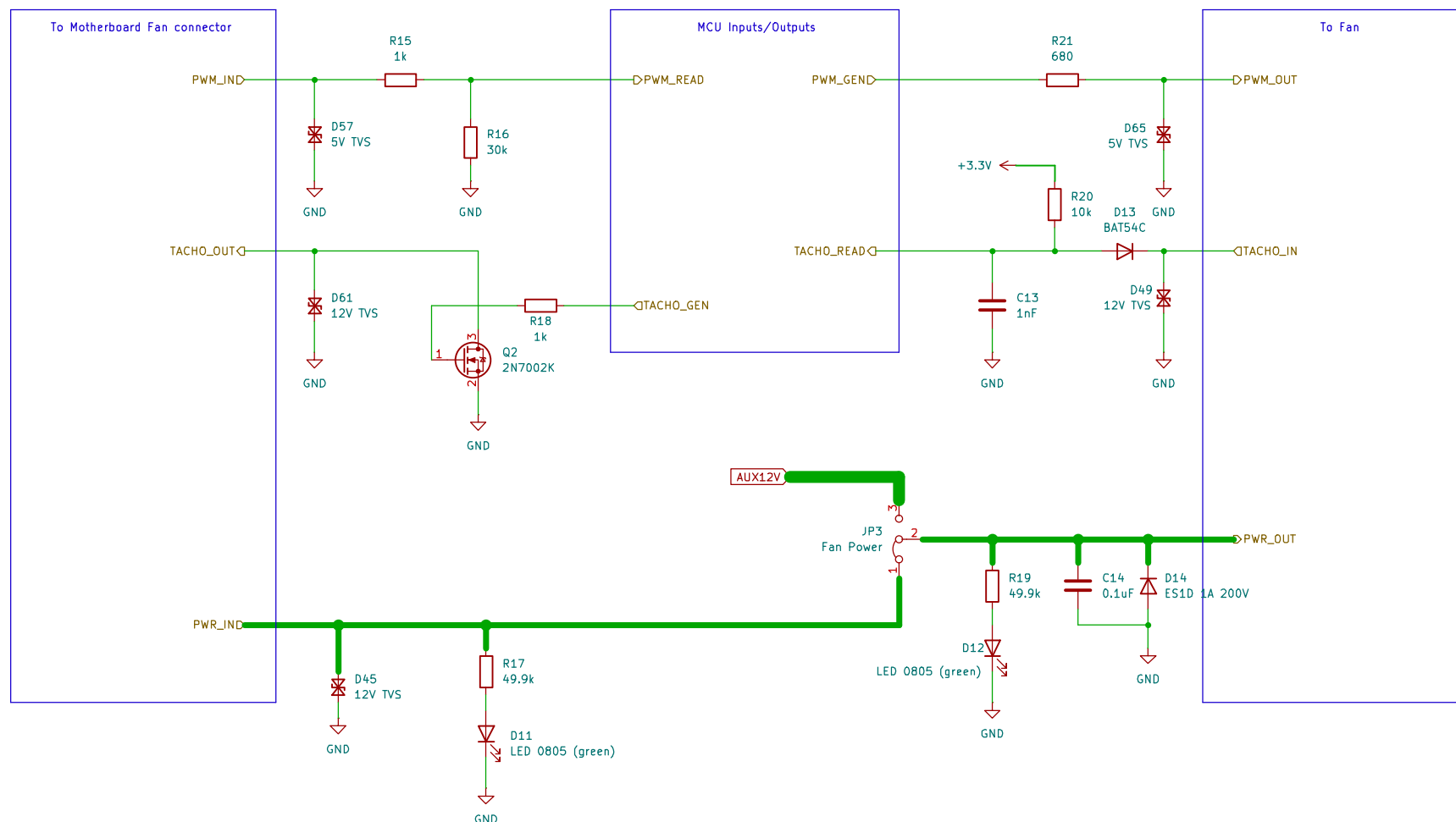
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 1/12

Fan Channel: Fan2



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan2/

File: fan_channel.kicad_sch

Title: FanPico-0804D v1.3

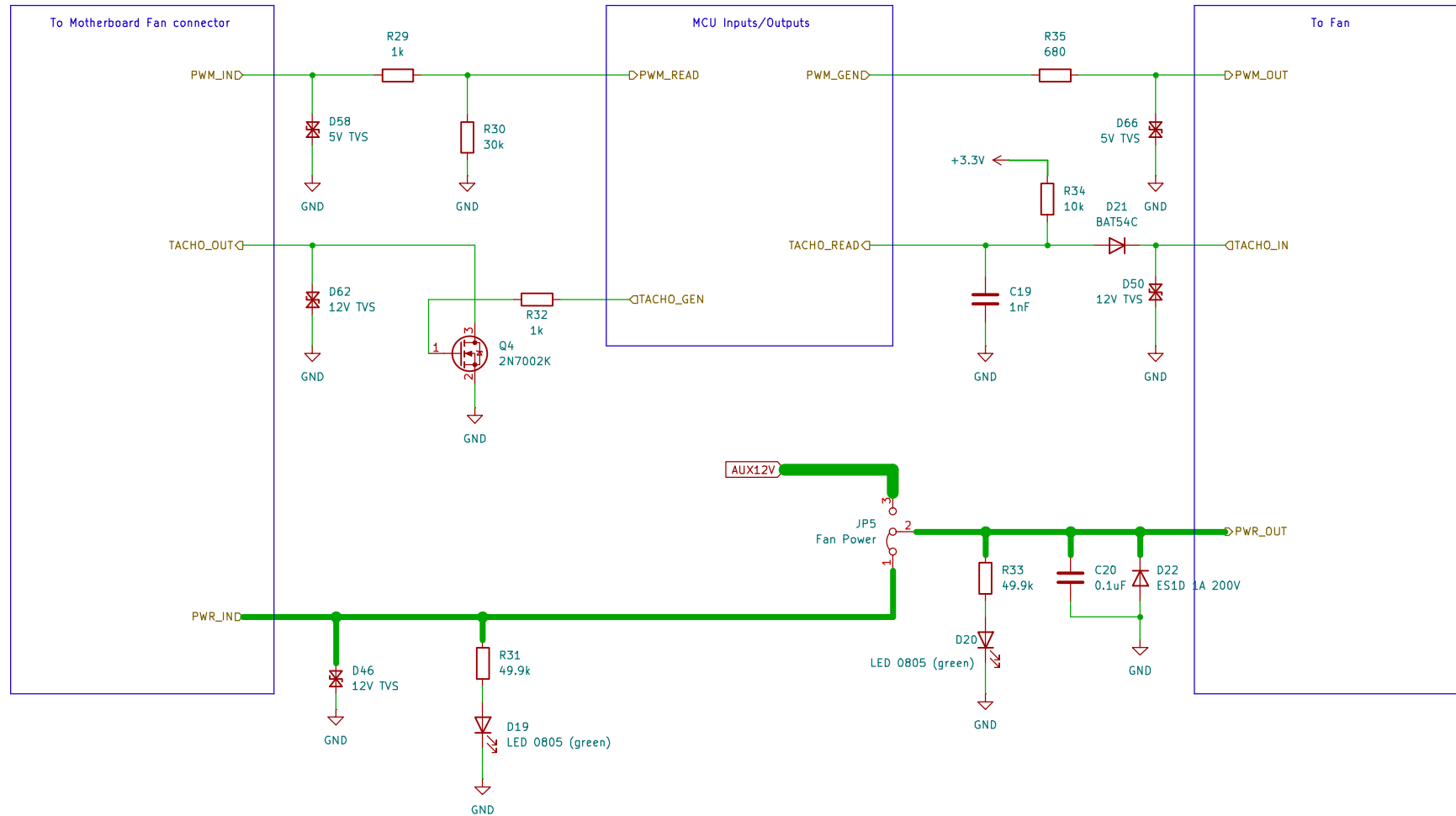
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 4/12

Fan Channel: Fan3



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan3/

File: fan_channel.kicad_sch

Title: FanPico-0804D v1.3

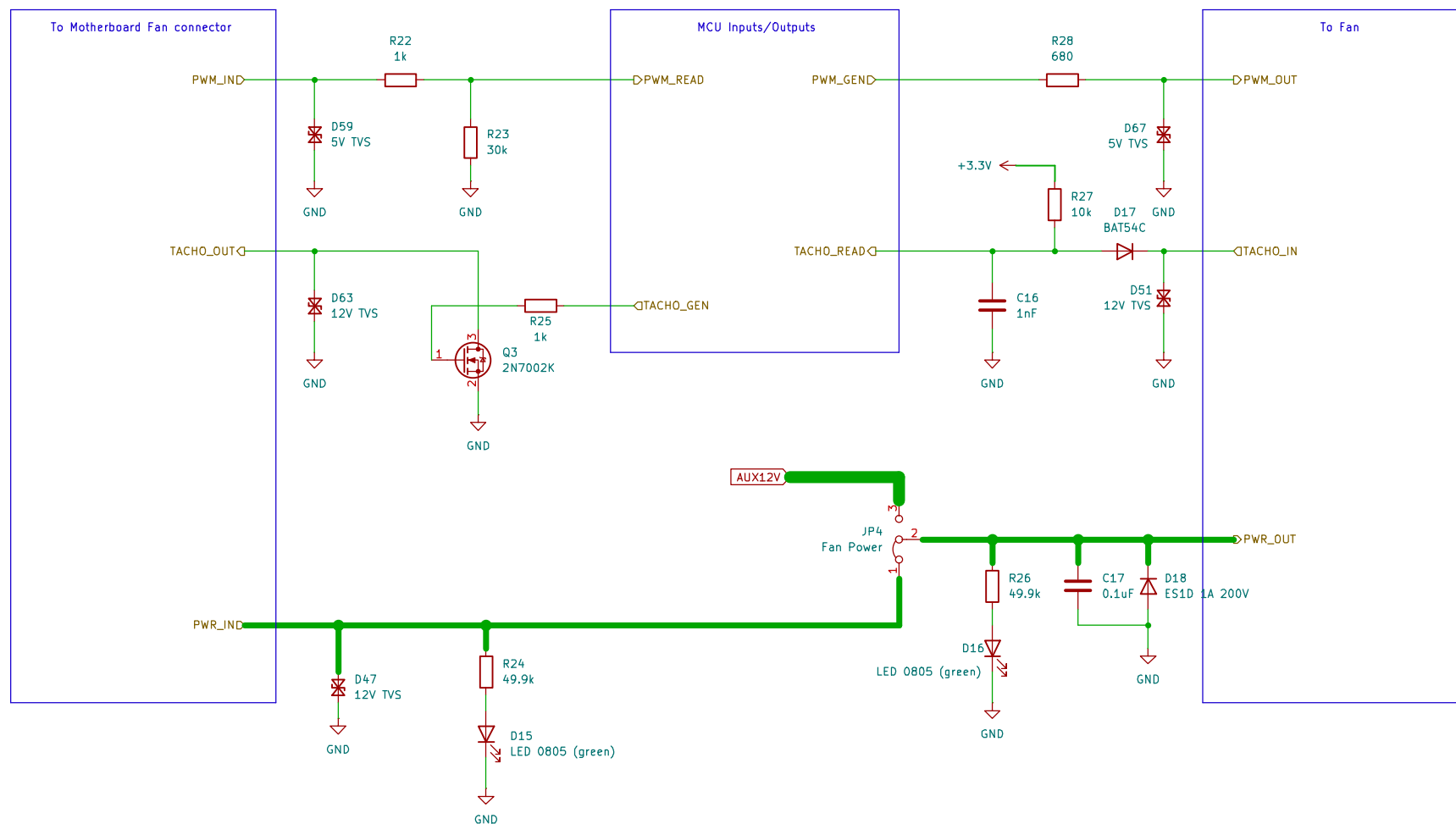
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 5/12

Fan Channel: Fan4



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan4/

File: fan_channel.kicad_sch

Title: FanPico-0804D v1.3

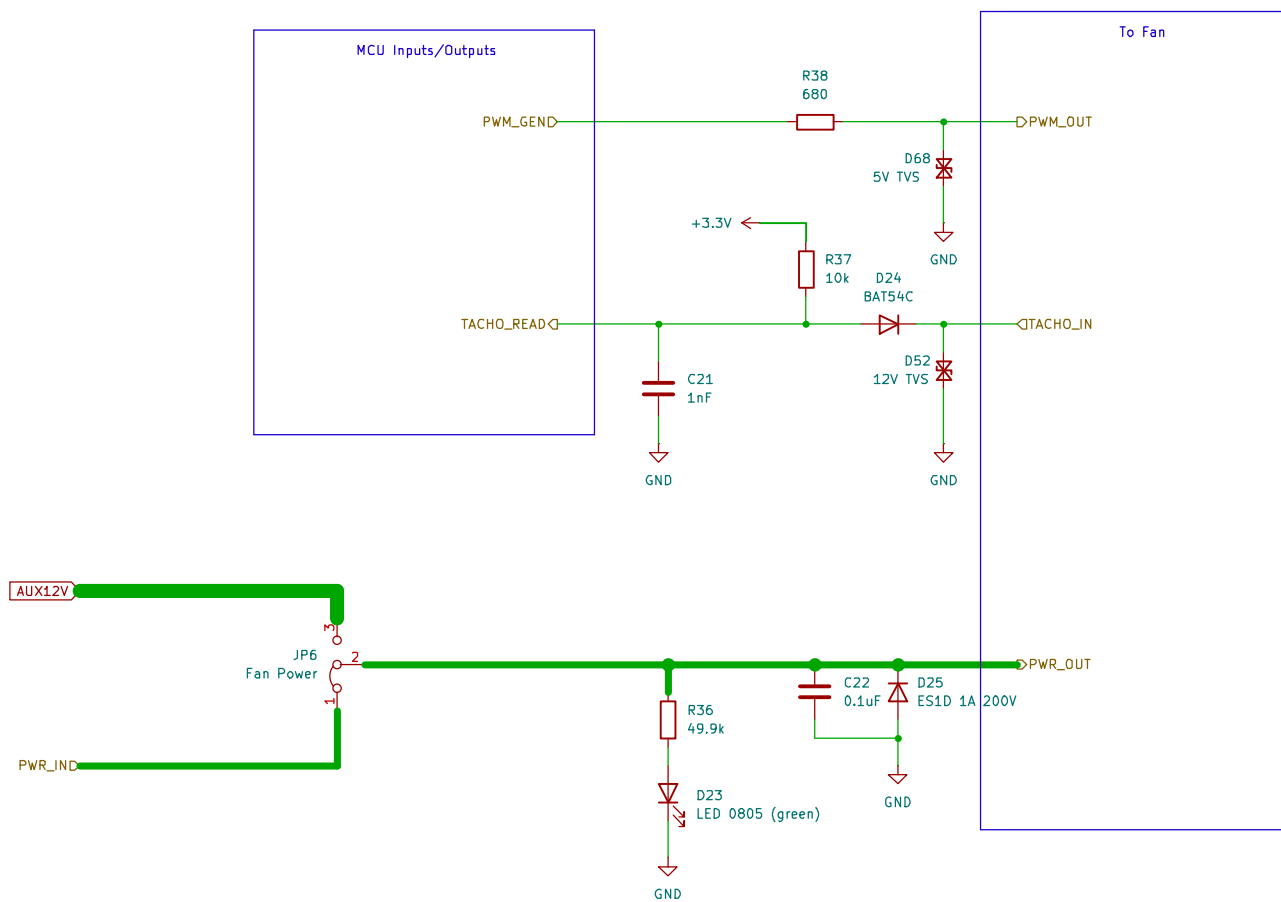
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 6/12

(Extra) Fan Channel: Fan5



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan5/

File: extra_fan_channel.kicad_sch

Title: FanPico-0804D v1.3

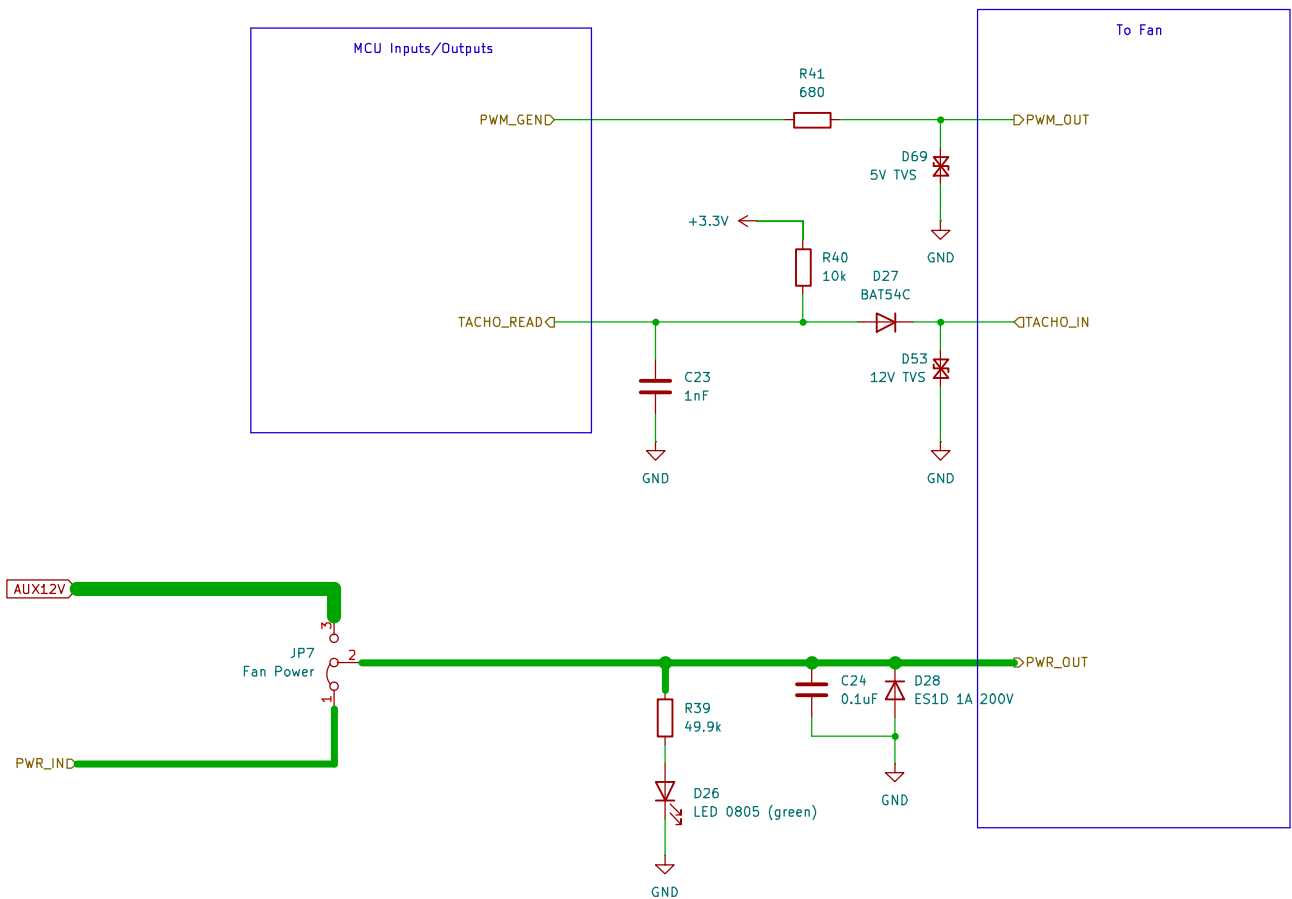
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 1/12

(Extra) Fan Channel: Fan6



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

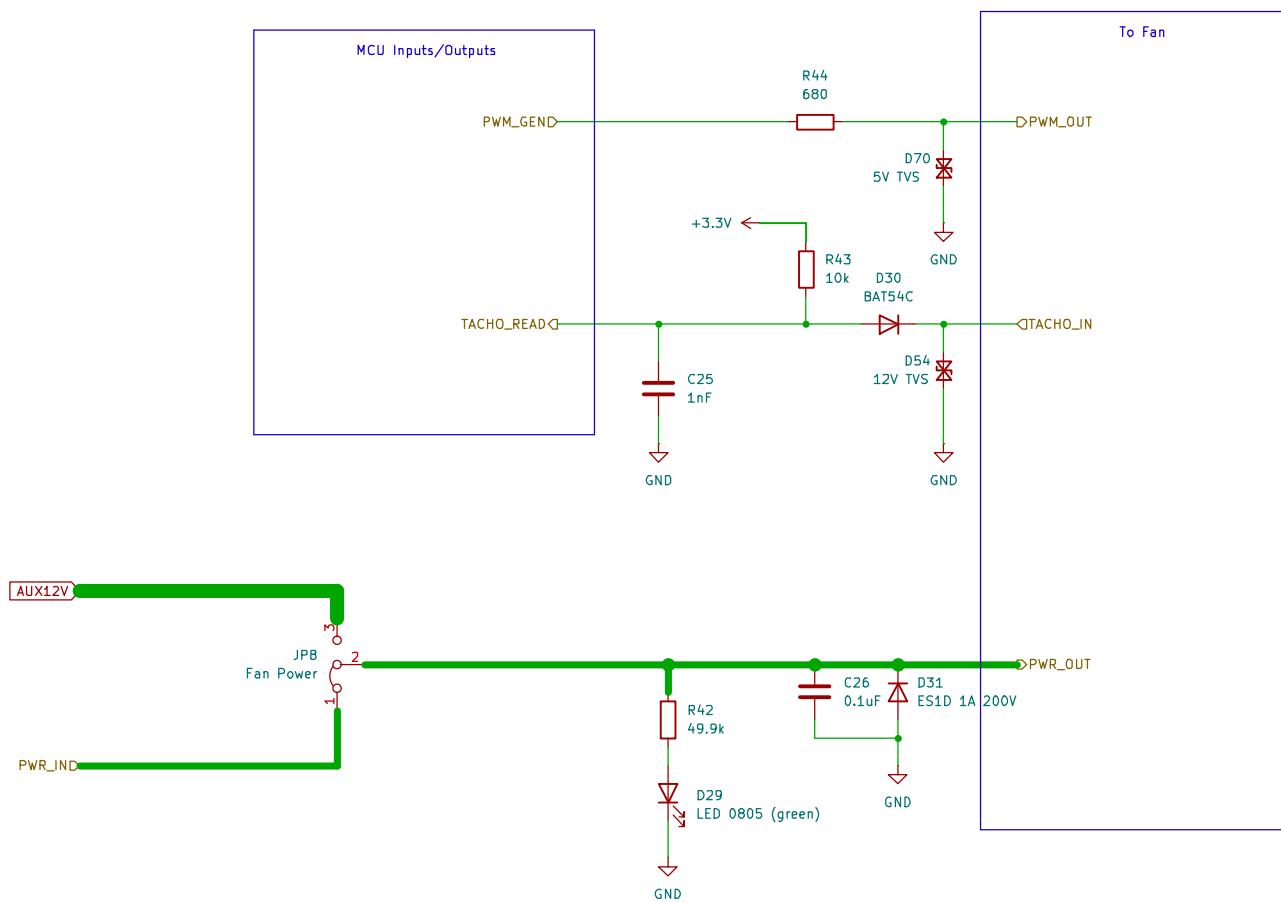
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File: extra_fan_channel.kicad_sch

Title: FanPico-0804D v1.3

Size: A4 Date: 2024-08-27
KiCad E.D.A. 8.0.4

Rev:
Id: 8/12

(Extra) Fan Channel: Fan7



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan7/

File: extra_fan_channel.kicad_sch

Title: FanPico-0804D v1.3

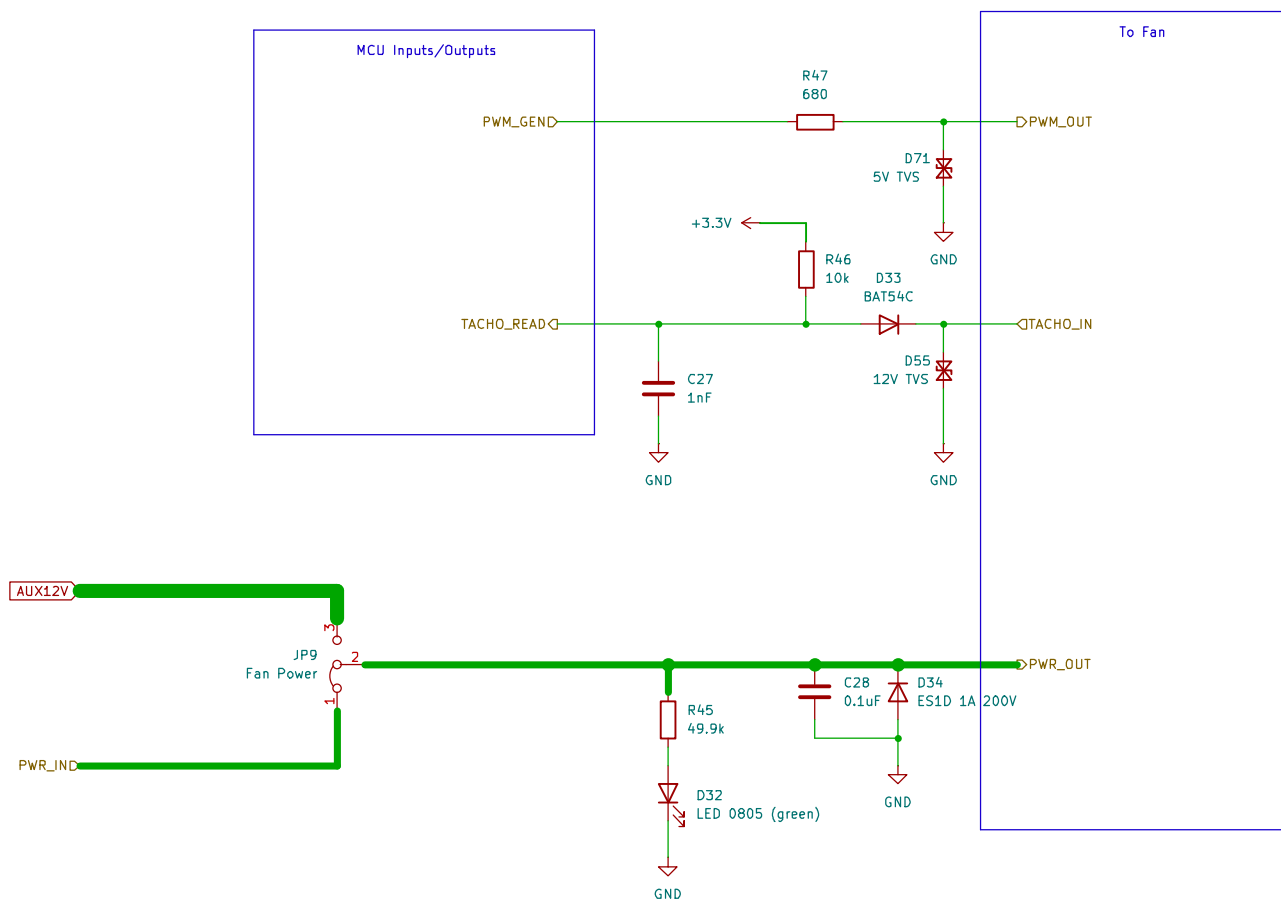
Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 9/12

(Extra) Fan Channel: Fan8



Fanpico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Fan Channels/Fan8/

File: extra_fan_channel.kicad_sch

Title: FanPico-0804D v1.3

Size: A4 Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev:

Id: 10/12

Connectors / Sensors

J16 Sensor1

R52 100k

R50 10k

JP10

TEMP1_READ

ADC_REF

AGND

J17 Sensor2

R53 100k

R51 10k

JP11

TEMP2_READ

ADC_REF

AGND

J19 Serial Console (TTL)

GND

RX_CS

TX_MISO

D38 3.3V TVS

D39 3.3V TVS

GND

GND

J18 LCD (SPI)

TX_MISO

SDA_SCK

RX_CS

VSYS

SCL_MOSI

GND

GND

+3.3V

+3.3V

J2 I2C (OLED ALT)

J3 I2C (OLED)

GND

SCL_MOSI

SDA_SCK

C32 0.1uF

D40 3.3V TVS

D41 3.3V TVS

D42 3.3V TVS

GND

GND

GND

GND

J21 QWIIC

GND

SDA_SCK

SCL_MOSI

D72 3.3V TVS

D73 3.3V TVS

D74 3.3V TVS

+3.3V

+3.3V

J20 1-Wire

GND

TX_MISO

+3.3V

D36 3.3V TVS

D37 3.3V TVS

GND

GND

J1 Floppy / DC Connector

AUX12 IN

F1 Polyfuse 3A

AUX12V

D43 12V TVS

GND

AUX Power Connector

FanPico firmware reference PCB.

Timo Kokkonen <tjko@iki.fi>

Sheet: /Sensors & Connectors/

File: sensors.kicad_sch

Title: FanPico-0804D v1.3

Size: A4

Date: 2024-08-27

KiCad E.D.A. 8.0.4

Rev: 1/12

Id: 1/12