

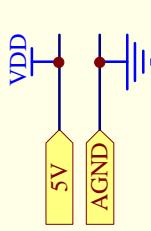
4

3

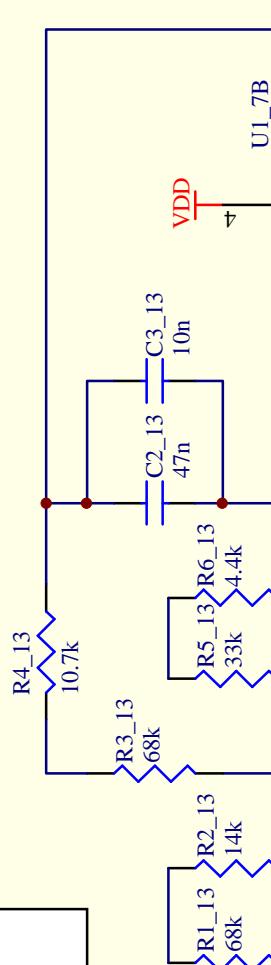
2

1

D



Multiple Feedback Second Order Butterworth Low Pass Filter
 $F_c = 15 \text{ Hz}$
Gain = 1.2



C

U1_7B

6

B

IN_LP

IN

OP491GP (14)

5

A

IN

OUT



V_{1_13} VPULSE
DC Magnitude 2.5
AC Magnitude 1
AC Phase 0
Initial Value 0.7
Pulsed Value 4.3
Time Delay 0
Rise Time 1u
Fall Time 1u
Pulse Width 50m
Period 100m
Phase Delay *

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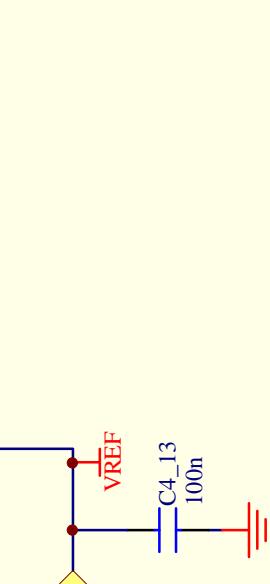
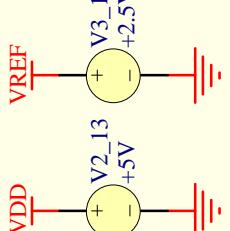
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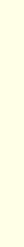
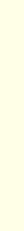
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*

B



A



A

Filter Stage for Gyro ENV05 X-Axis
Title: Filter Stage for Gyro ENV05 X-Axis
Date: 12-Apr-2001
Rev 1.0 | Page 13 of 16

Proj

Low-Budget Inertial Navigation System

Peter Luetli, Thomas Moser - SS 2000 IFE

ETH

Eidgenössische
Technische Hochschule
Zürich

A

1

2

3

4