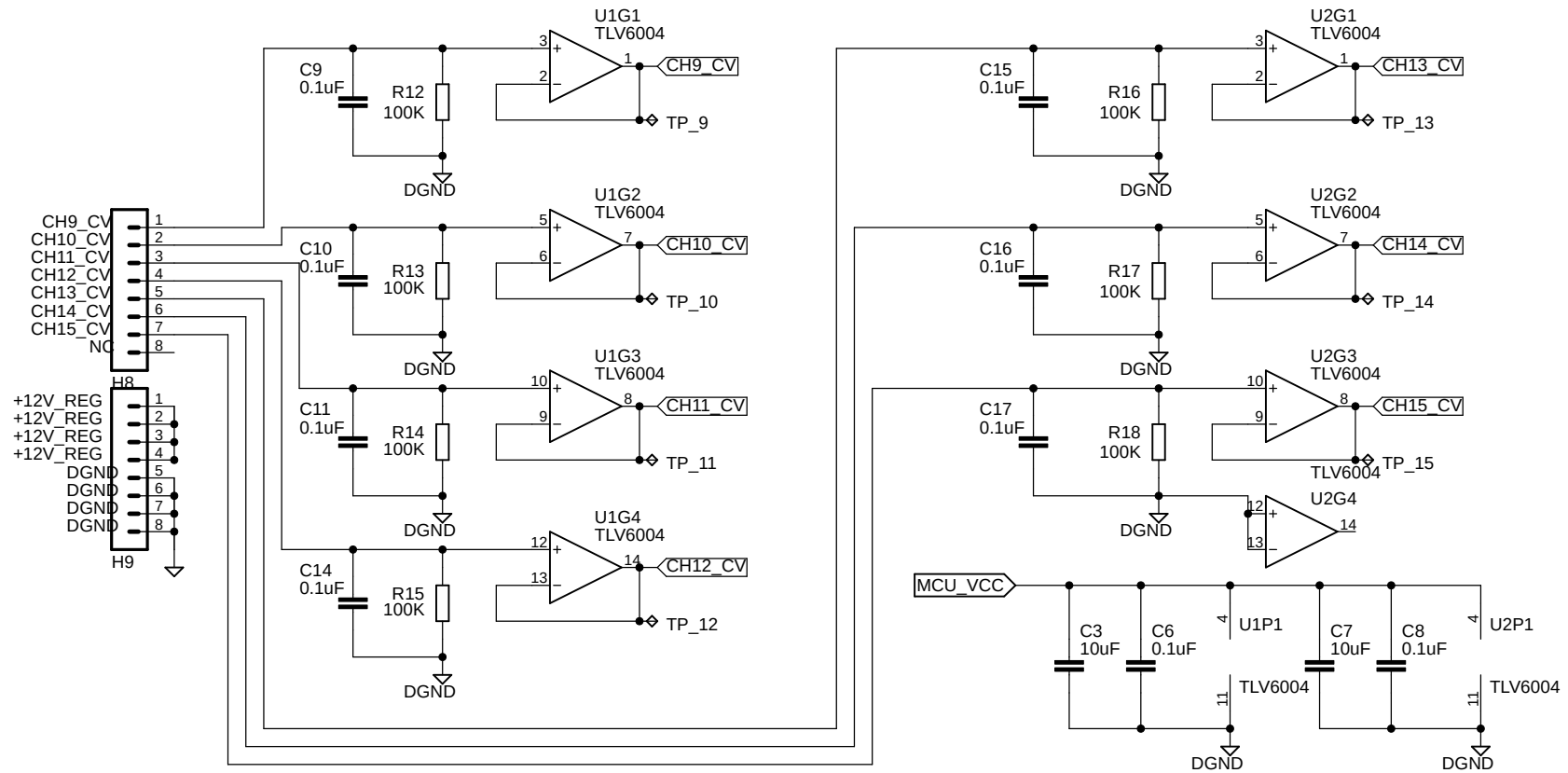


CONTROL VOLTAGE: INPUT BUFFERS



MIDI Module for Nexus Project by Cycfi Research is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

Copyright CYCFI Research Inc. 2013-2018

CYCFI

TITLE: MIDI Module B

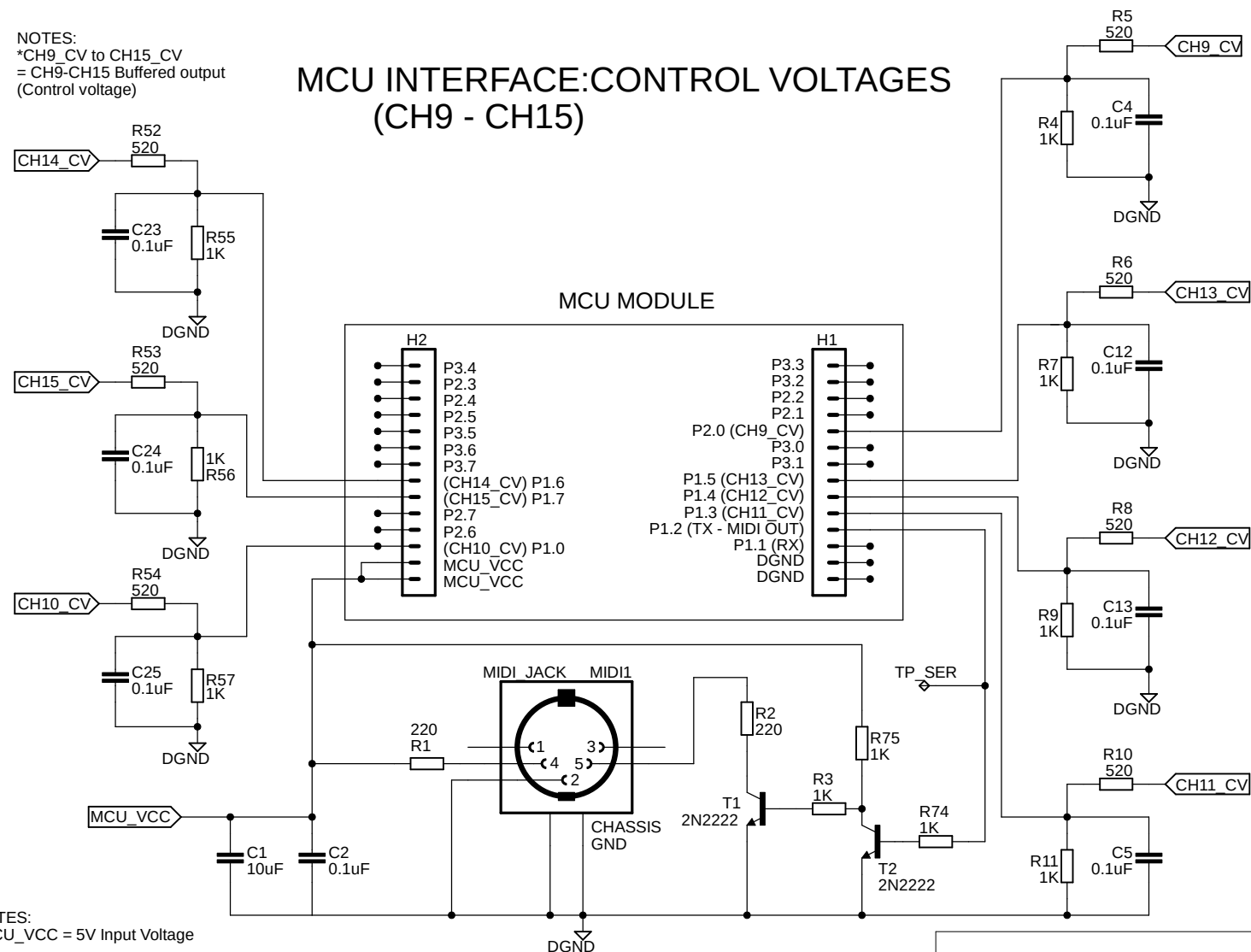
Document Number: 2018002

REV:
v1.0

Date: 8/14/2018 3:00 PM

Sheet: 1/3

NOTES:
*CH9_CV to CH15_CV
= CH9-CH15 Buffered output
(Control voltage)



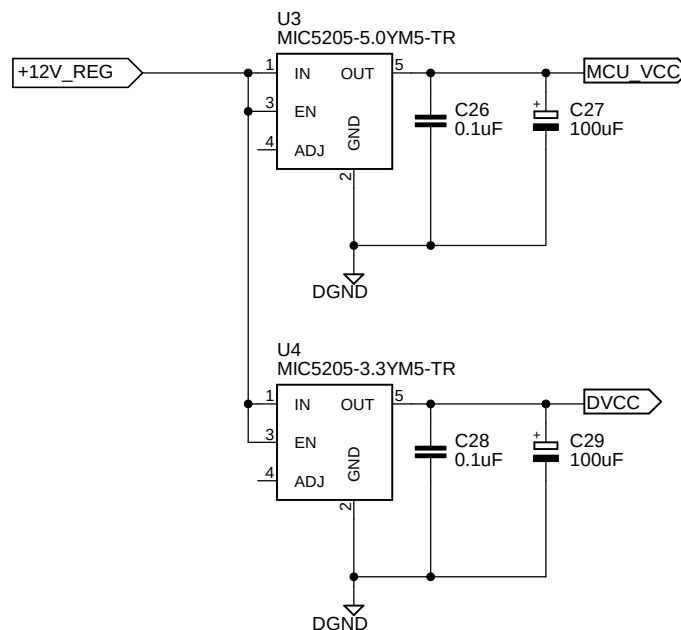
The diagram shows the power supply connections for two modules, H3 and H4. The H3 module is connected to MCU_VCC 5V, and the H4 module is connected to DVCC 3.3V. Both modules have pins 1, 3, 5, and 7 connected to a common ground line labeled DGN.

NOTES:
*MCU_VCC = 5V Input Voltage

Copyright CYCFI Research Inc. 2013-2018

CYCFI

Sheet: 2/3



NOTES:
 *MCU_VCC = 5V MCU power supply
 *+12V_REG = 12V Regulated power supply
 *DVCC= 3.3V Digital supply for expansion

MIDI Module for Nexus Project by Cycfi Research is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

Copyright CYCFI Research Inc. 2013-2018

CYCFI

TITLE: Digital Power Source

Document Number: 2018002

REV:
v1.0

Date: 8/14/2018 3:00 PM

Sheet: 3/3