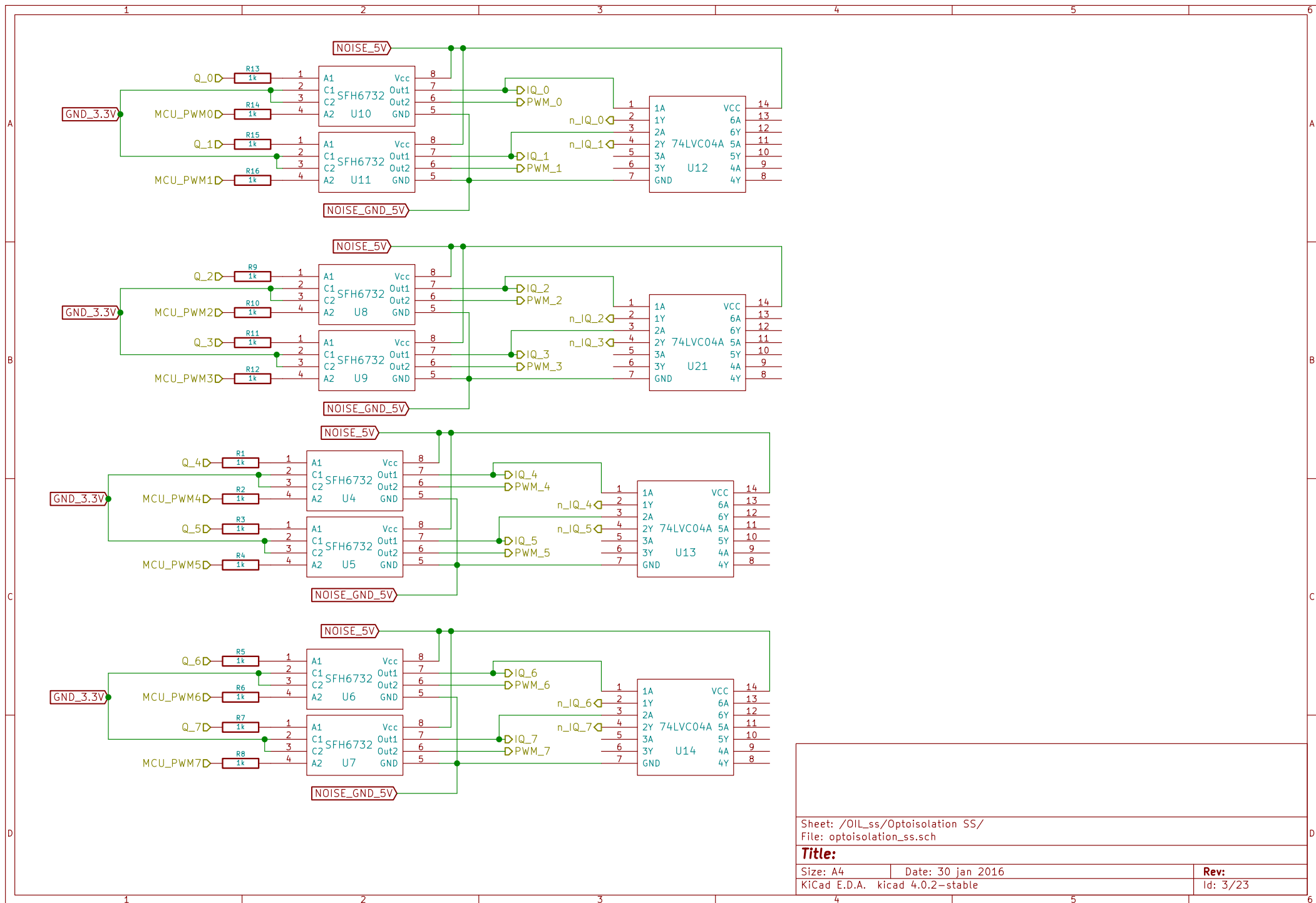


Sheet: /OIL_ss/
File: oil_ss.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 2/23



Sheet: /OIL_ss/Optoisolation SS/
File: optoisolation_ss.sch

Title:

Size: A4 Date: 30 jan 2016

KiCad E.D.A. kicad 4.0.2-stable

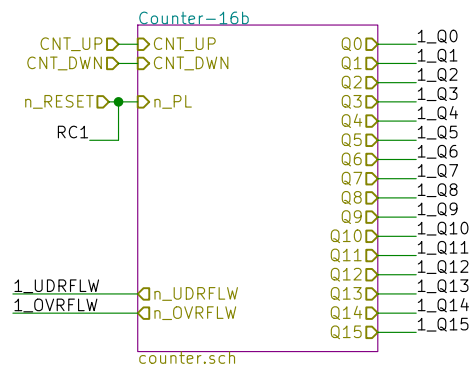
Rev:

Id: 3/23

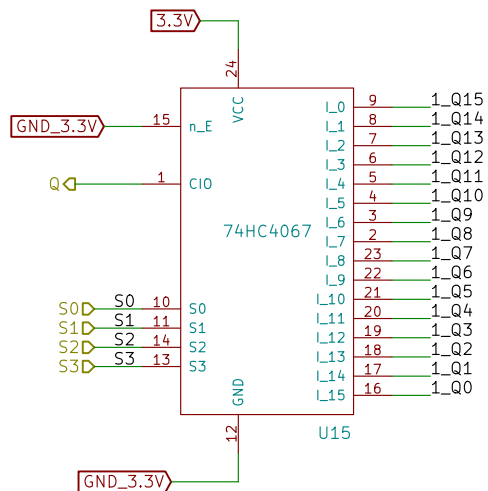


Rev:
Id: 5/23

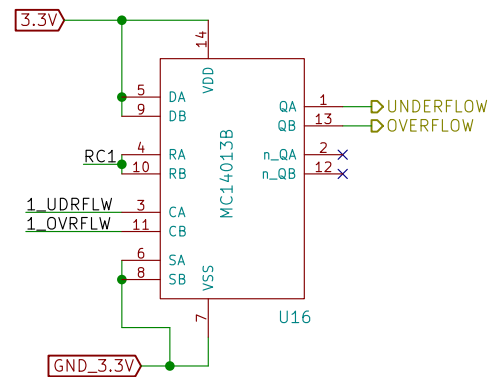
Id: 6/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

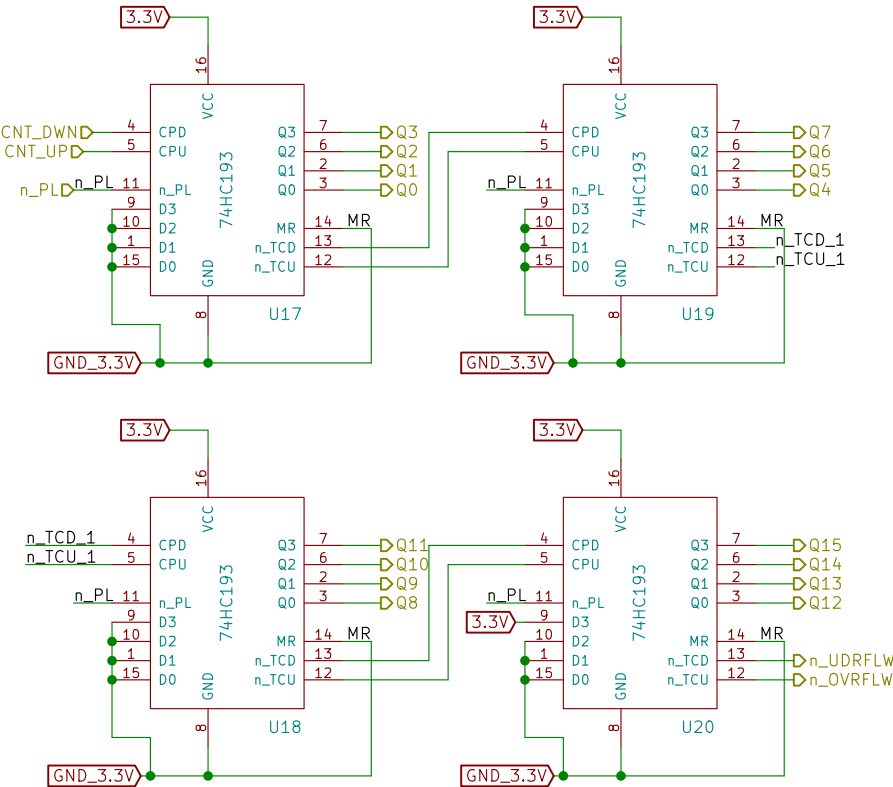
Sheet: /VNH3SP30 Motor SS 1/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 7/23

NOTE: MR is connected to GND. Reset will reload 16'h1000

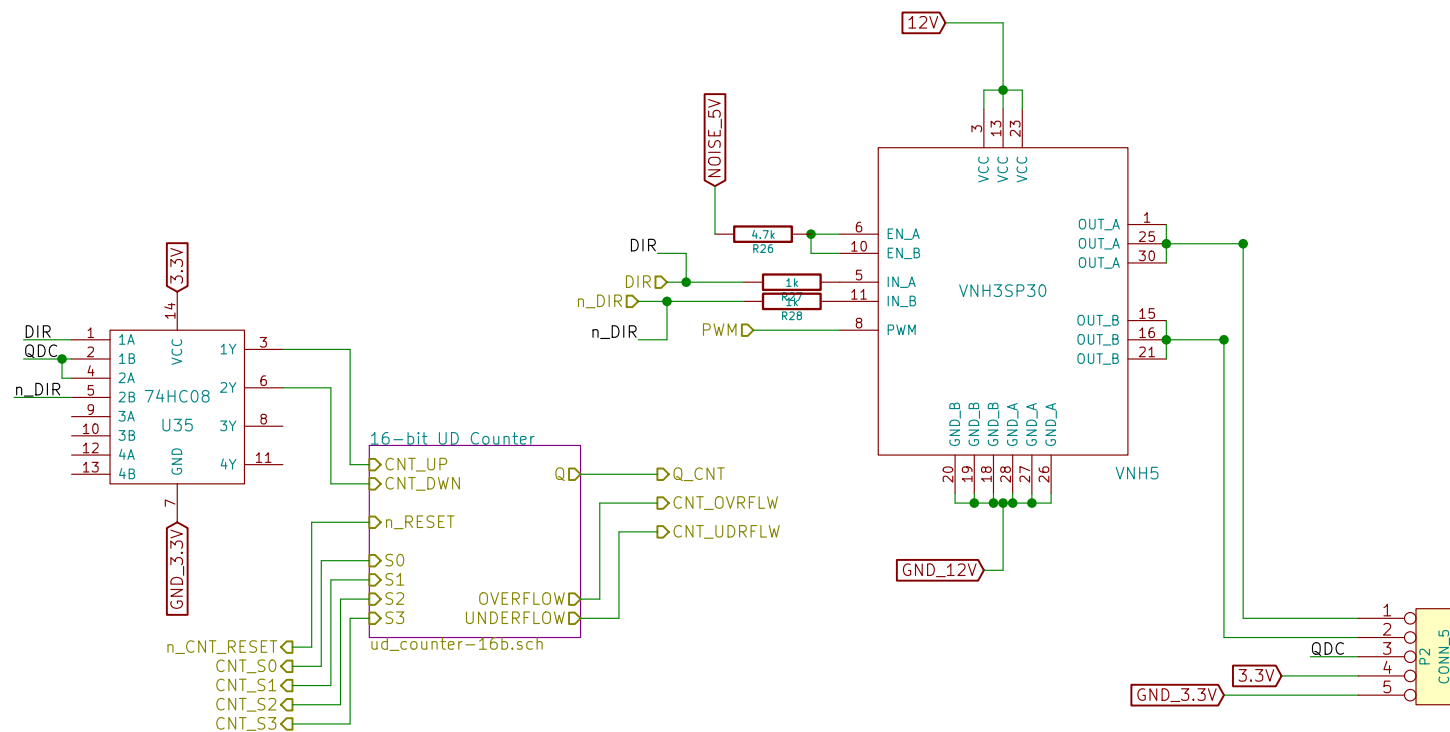


Sheet: /VNH3SP30 Motor SS 1/16-bit UD Counter/Counter-16b/
File: counter.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 8/23



Sheet: /VN13SP30 Motor SS 3/
File: vnh3sp30_motor_ss.sch

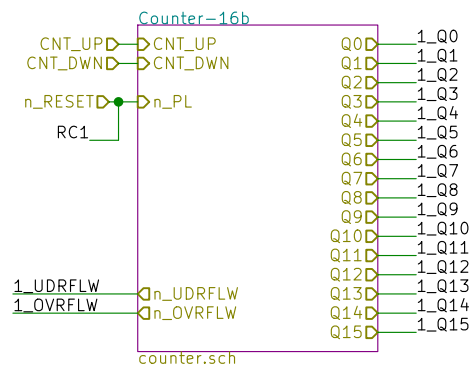
Title:

Size: A4 Date: 30 jan 2016

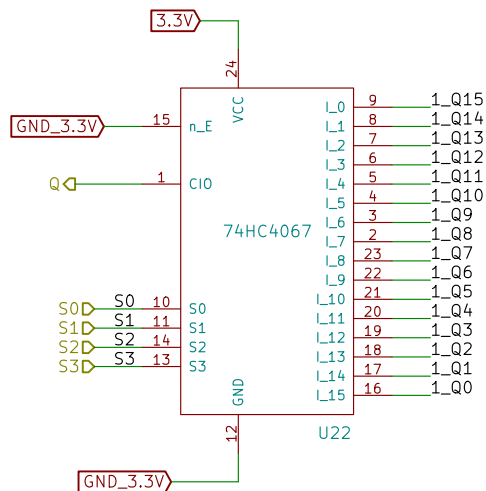
KiCad E.D.A. kicad 4.0.2-stable

Rev:

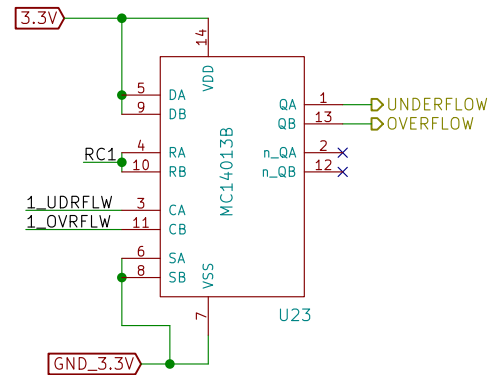
Id: 9/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

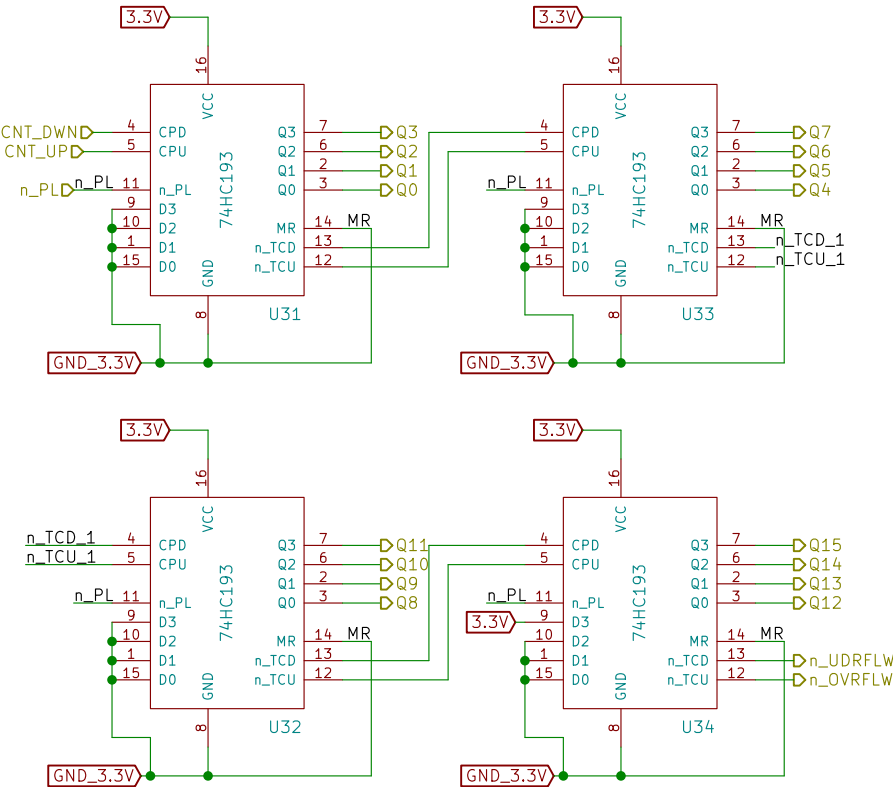
Sheet: /VNH3SP30 Motor SS 3/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 10/23

NOTE: MR is connected to GND. Reset will reload 16'h1000



Sheet: /VNH3SP30 Motor SS 3/16-bit UD Counter/Counter-16b/
File: counter.sch

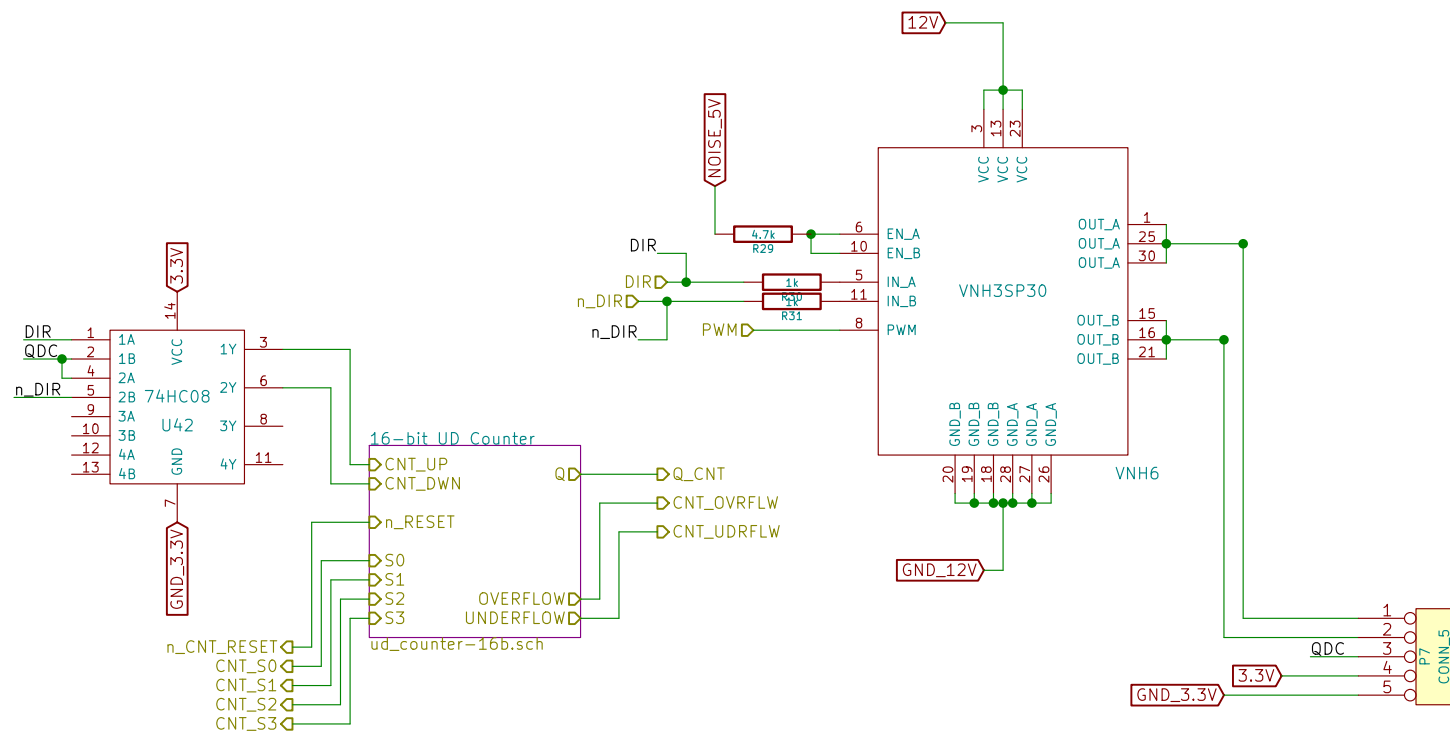
Title:

Size: A4 Date: 30 jan 2016

KiCad E.D.A. kicad 4.0.2-stable

Rev:

Id: 11/23



Sheet: /VN1H3SP30 Motor SS 5/
File: vnh3sp30_motor_ss.sch

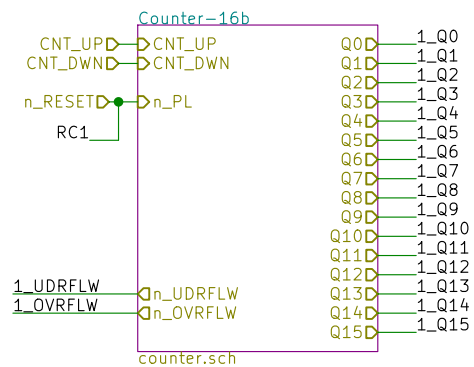
Title:

Size: A4 Date: 30 jan 2016

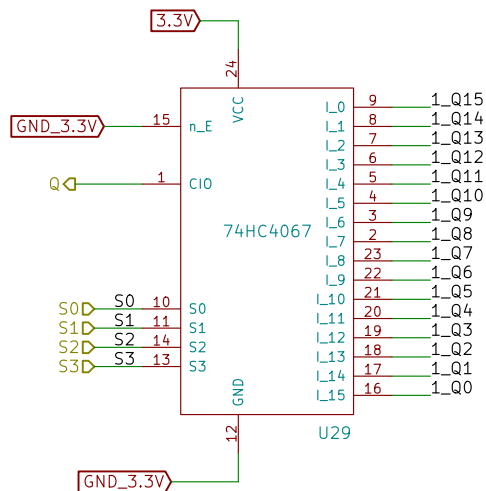
KiCad E.D.A. kicad 4.0.2-stable

Rev:

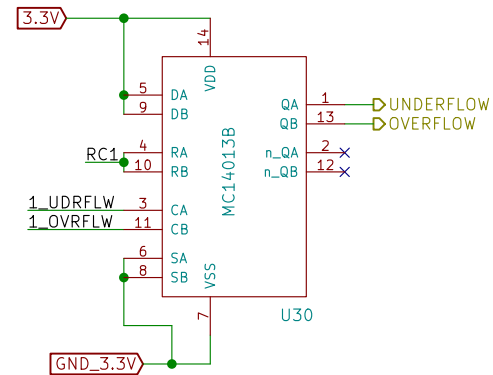
Id: 12/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

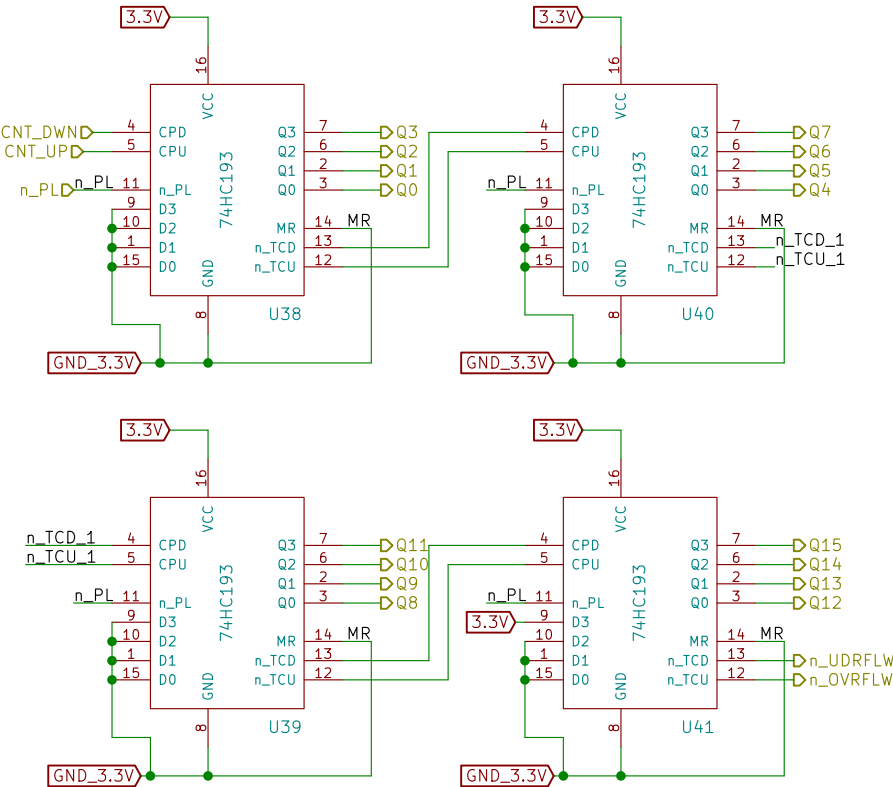
Sheet: /VNH3SP30 Motor SS 5/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 13/23

NOTE: MR is connected to GND. Reset will reload 16'h1000



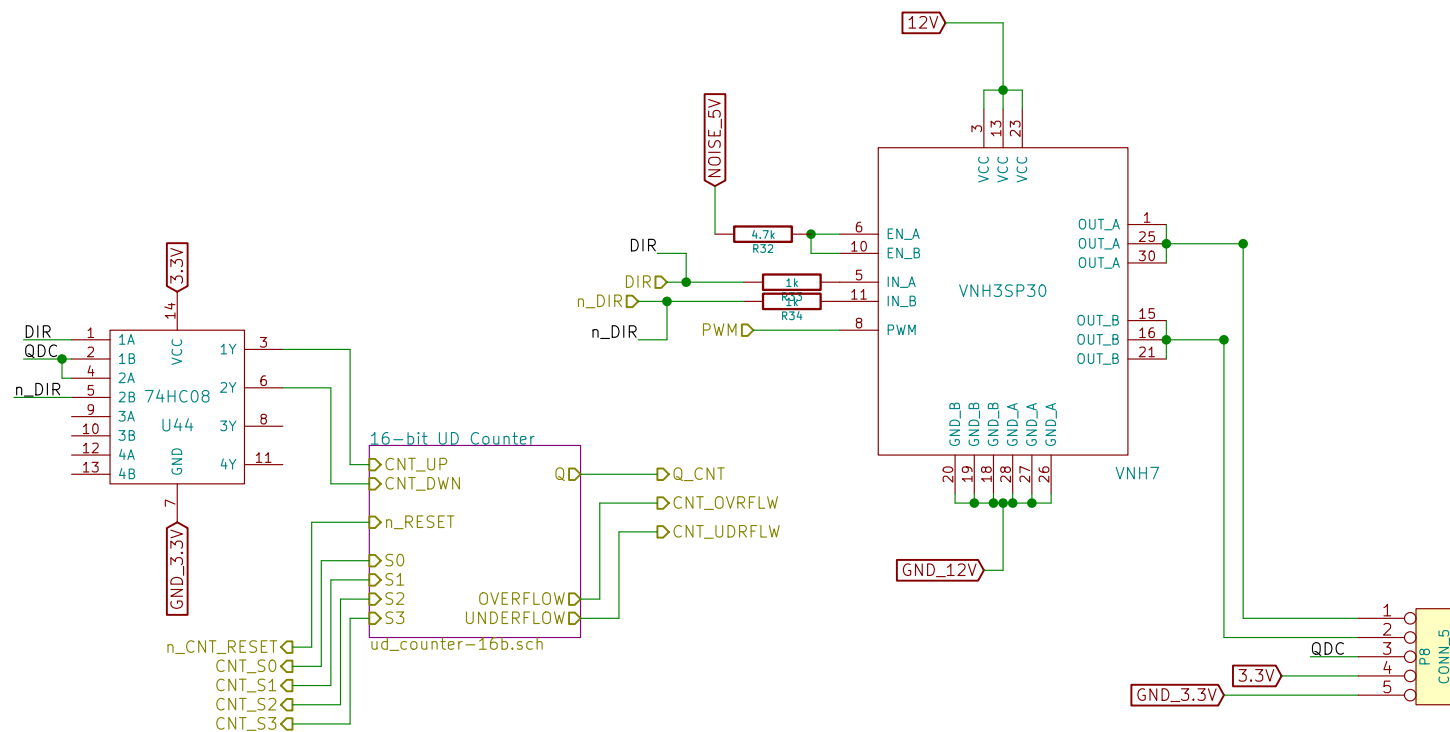
Sheet: /VNH3SP30 Motor SS 5/16-bit UD Counter/Counter-16b/
File: counter.sch

Title:

Size: A4 Date: 30 jan 2016

KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 14/23



Sheet: /VN1H3SP30 Motor SS 4/
File: vnh3sp30_motor_ss.sch

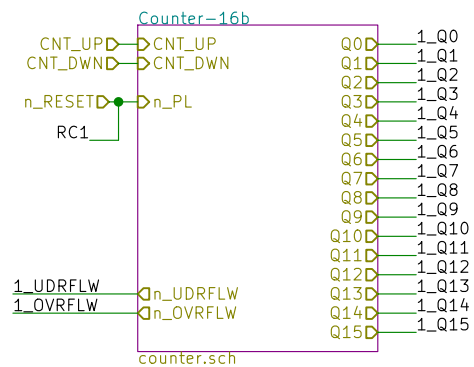
Title:

Size: A4 Date: 30 jan 2016

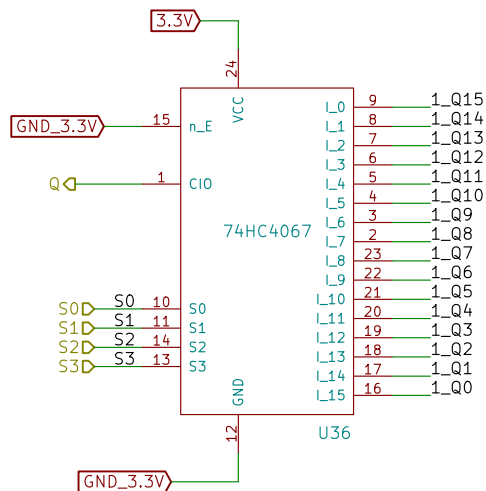
KiCad E.D.A. kicad 4.0.2-stable

Rev:

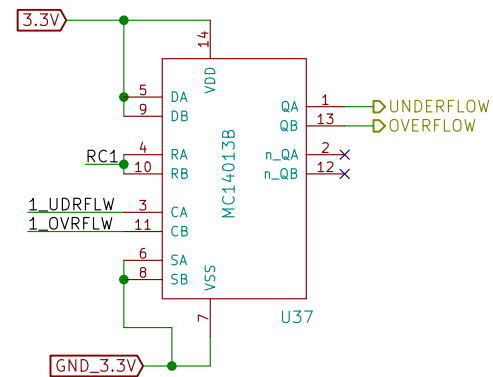
Id: 15/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

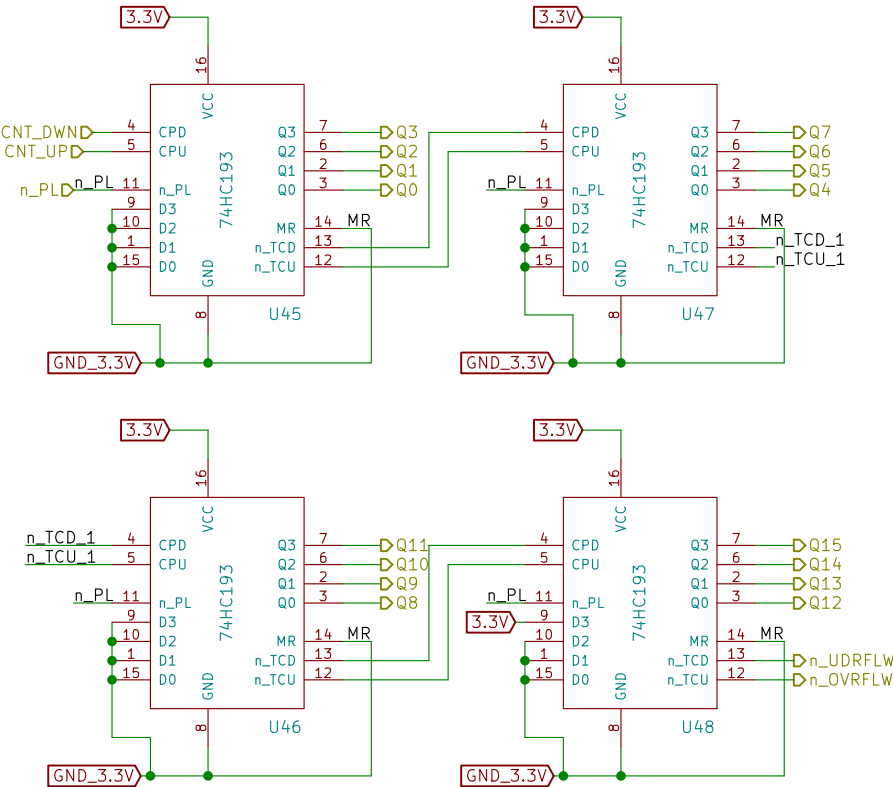
Sheet: /VNH3SP30 Motor SS 4/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 16/23

NOTE: MR is connected to GND. Reset will reload 16'h1000

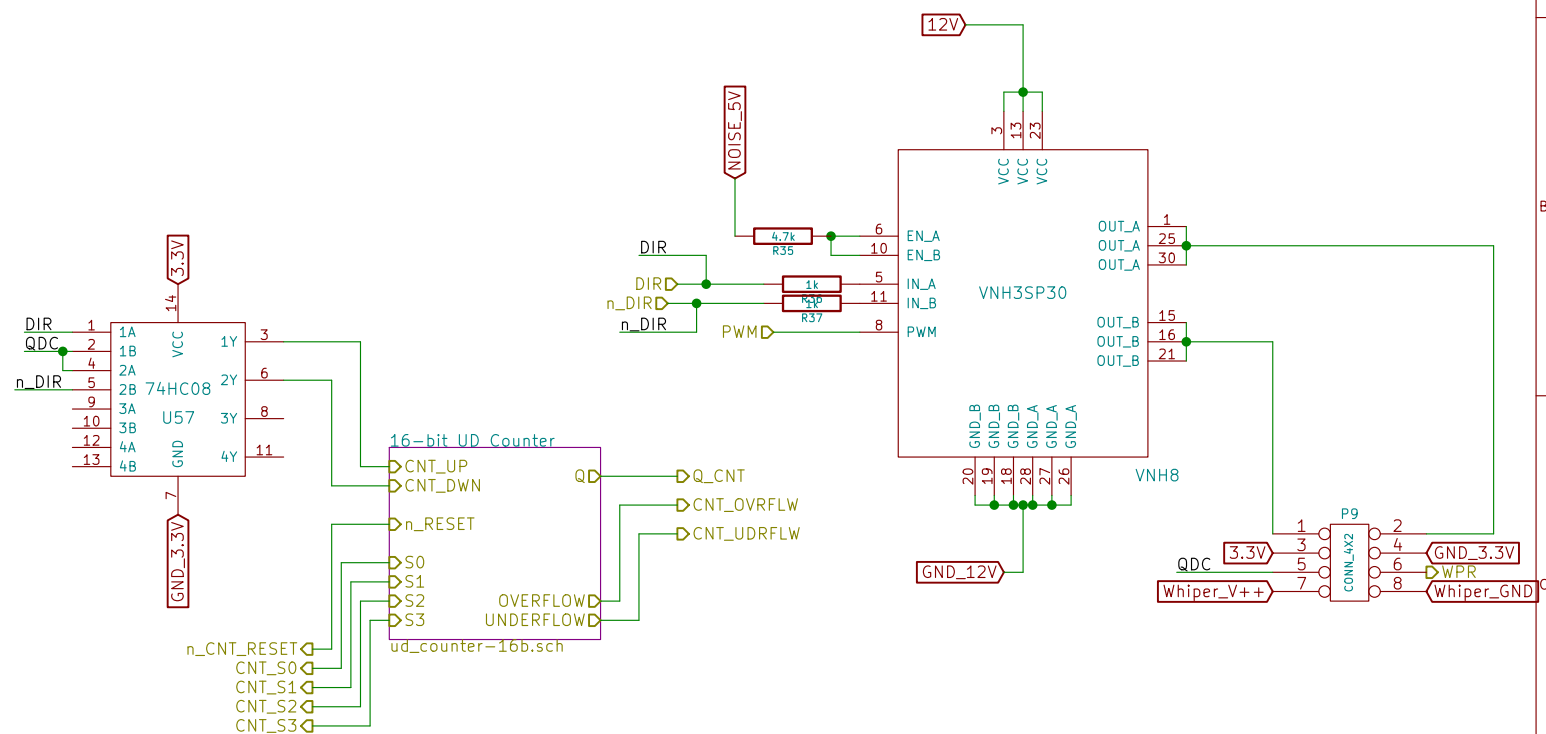


Sheet: /VNH3SP30 Motor SS 4/16-bit UD Counter/Counter-16b/
File: counter.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 17/23



Sheet: /vnh3sp30_motorLinac_ss/
File: vnh3sp30_motorLinac_ss.sch

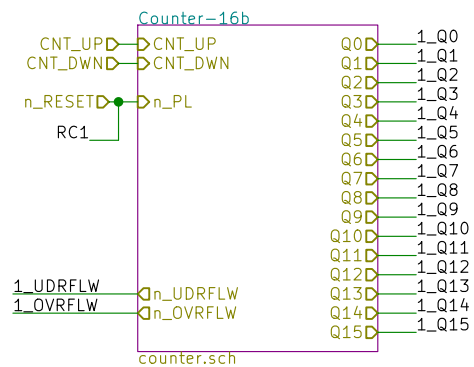
Title:

Size: A4 Date: 30 jan 2016

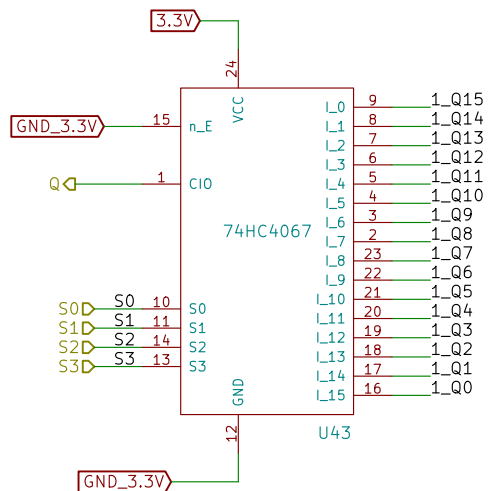
KiCad E.D.A. kicad 4.0.2-stable

Rev:

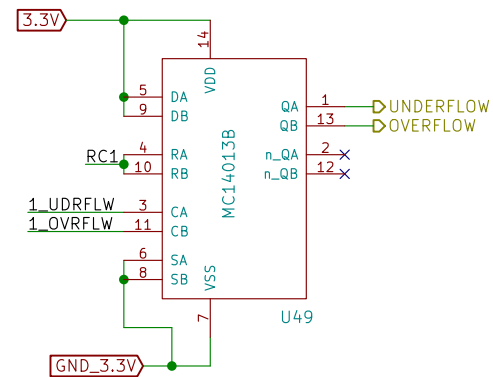
Id: 18/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

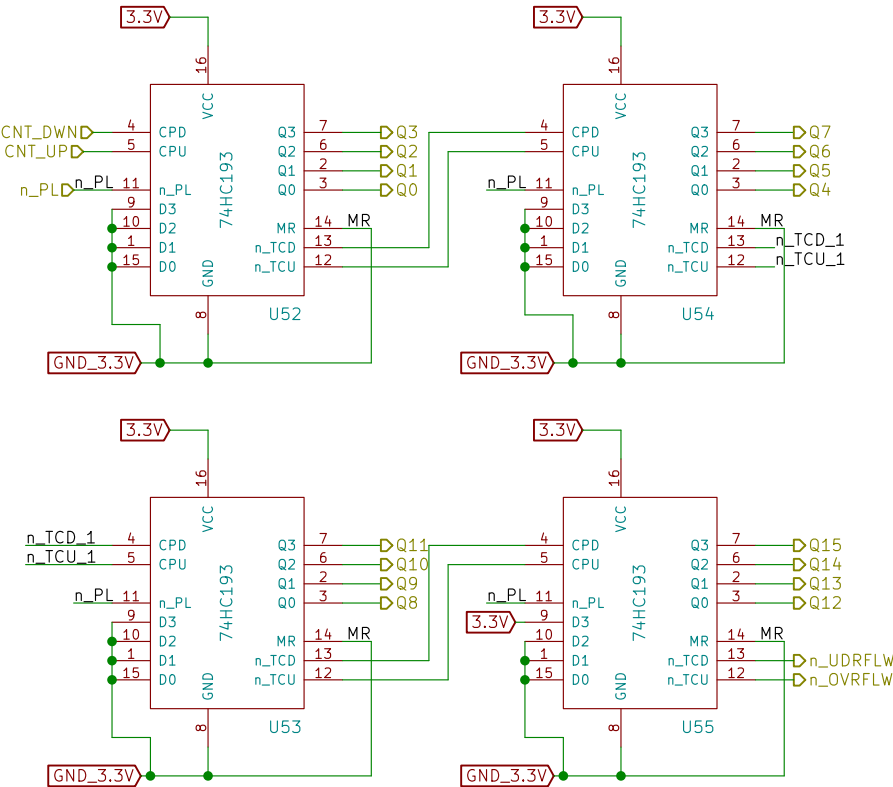
Sheet: /vnh3sp30_motorLinac_ss/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 19/23

NOTE: MR is connected to GND. Reset will reload 16'h1000

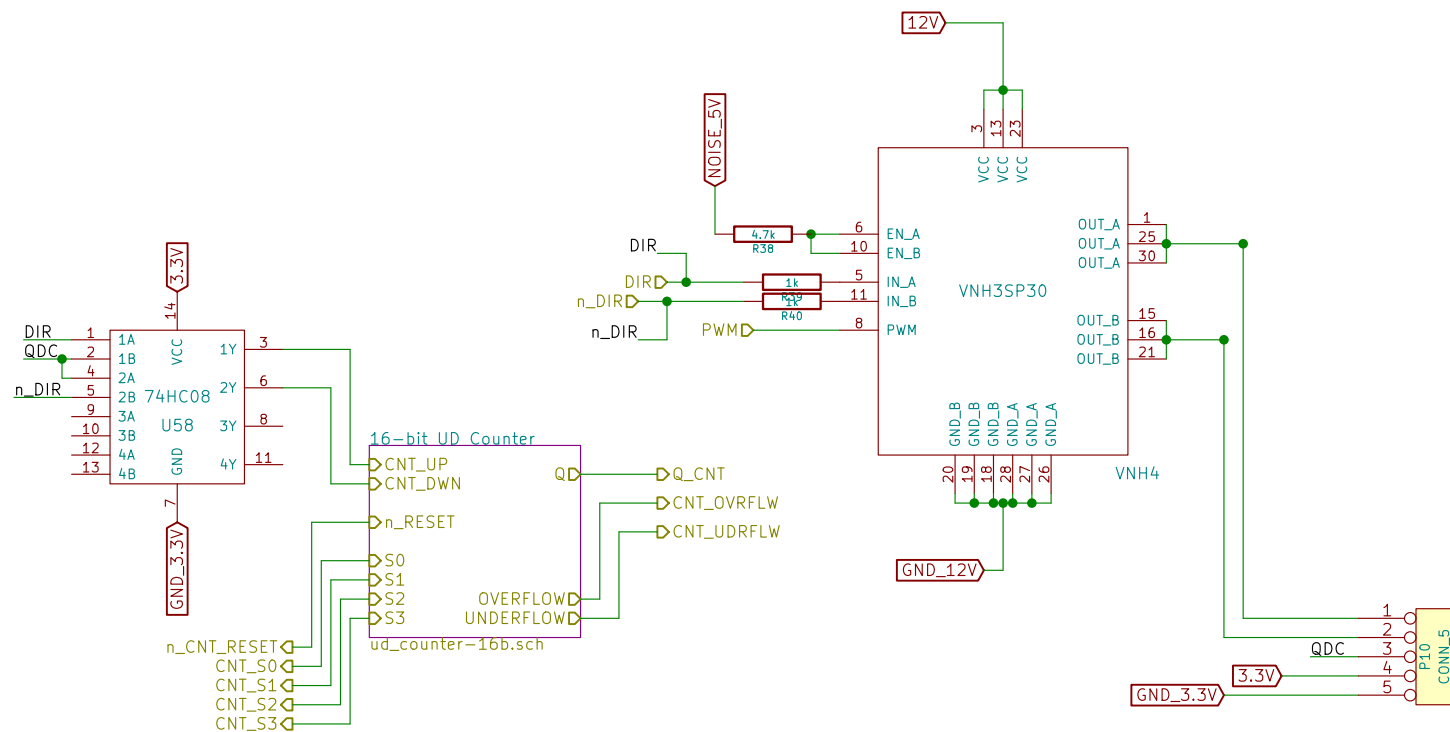


Sheet: /vnh3sp30_motorLinac_ss/16-bit UD Counter/Counter-16b/
File: counter.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 20/23

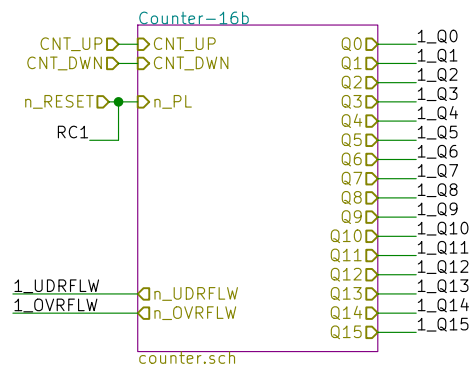


Sheet: /VN13SP30 Motor SS 2/
File: vnh3sp30_motor_ss.sch

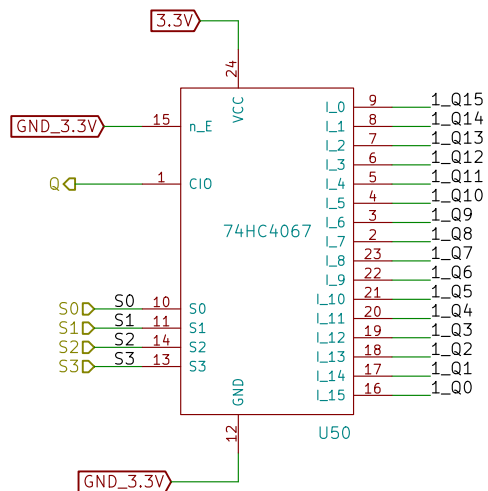
Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

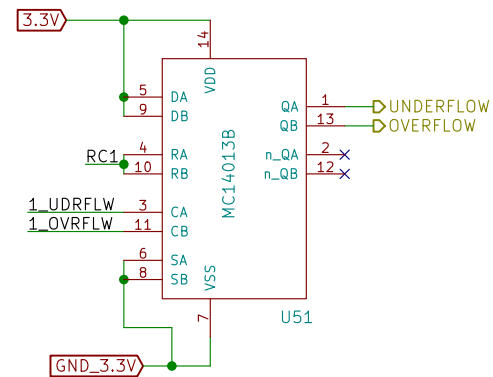
Rev:
Id: 21/23



Basic 16-bit up/down counter.



MUX for Q select



FLAG for overflow/underflow condition

Sheet: /VNH3SP30 Motor SS 2/16-bit UD Counter/
File: ud_counter-16b.sch

Title:

Size: A4 Date: 30 jan 2016
KiCad E.D.A. kicad 4.0.2-stable

Rev:
Id: 22/23

NOTE: MR is connected to GND. Reset will reload 16'h1000

