

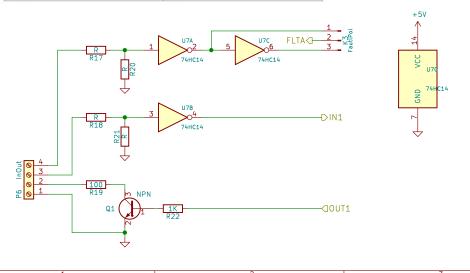
## From the YAPSC:10V manual

## 4.2 Inputs

There are two Schmitt-trigger (digital) inputs which can be configured.

By changing the values of (R17,R20) and (R18/R21) the two inputs can work with 5V, 12V or 24V logic:

5V logic	24V logic
$R17 = R18 = 1K\Omega$	R17 = R18 = 39,2KΩ
$R20 = R21 = 47K\Omega$	$R20 = R21 = 10K\Omega$
Low level : L = 2,5V	Low level : L = 12V
High level · H = 3V	High level : H = 15V

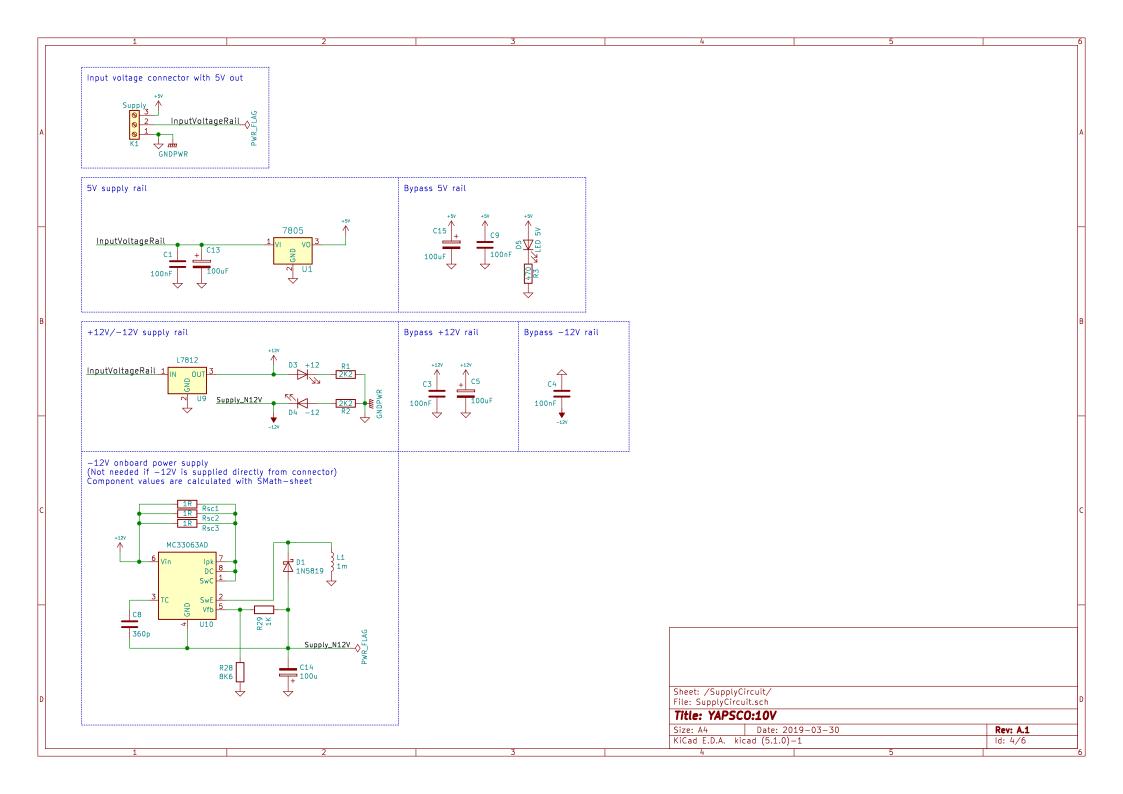


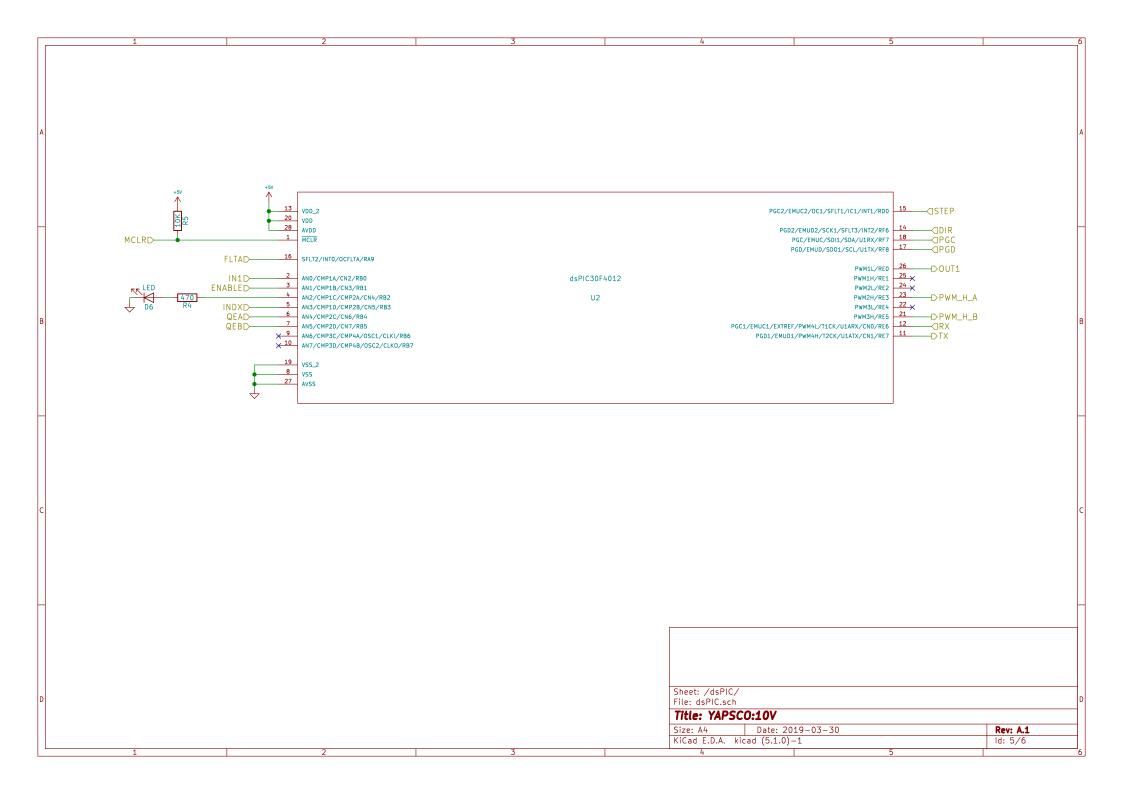
Sheet: /InterfaceDriver/
File: InterfaceDriver.sch

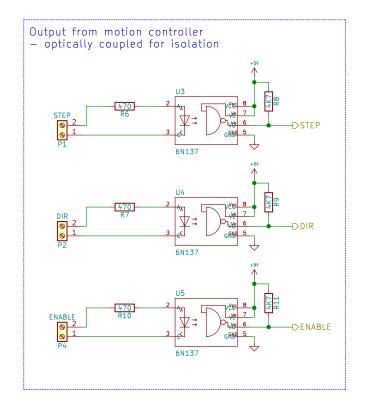
Title: YAPSCO:10V

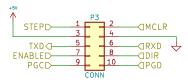
 Size: A4
 Date: 2019-03-30
 Rev: A.1

 KiCad E.D.A. kicad (5.1.0)-1
 Id: 3/6









TXD, RXD are data pins for normal COMport. MCLR, PGC, PGD are ICSP programming pins for dsPIC.

Sheet: /MotionControllerInput/ File: MotionControllerInput.sch

Title: YAPSCO:10V

 Size: A4
 Date: 2019-03-30
 Rev: A.1

 KiCad E.D.A. kicad (5.1.0)-1
 Id: 6/6