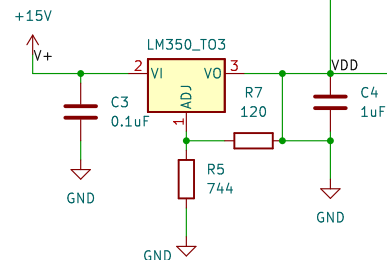
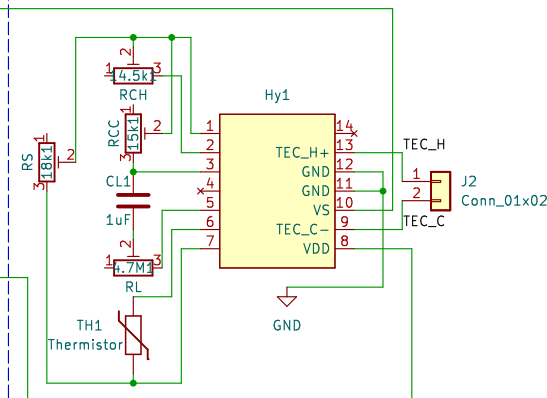


Control de corriente y temperatura para diodos laser de alta corriente

Circuito de alimentación positiva

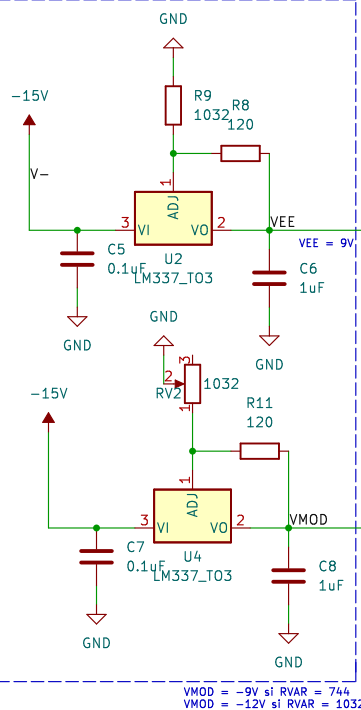


Control de temperatura Hy5640



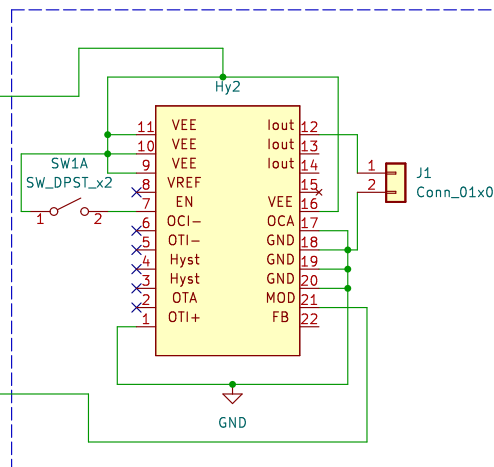
RS 18k => T = 10°C
 ICmax = 1A => RCC = 15k
 IHmax = 0.7*ICmax = 0.7(1A) => RCH = 14.5k
 RL = 4.7M y CL = 1µF => RC = 5s

Circuito de alimentación negativa



VMOD = -9V si RVAR = 744
 VMOD = -12V si RVAR = 1032

Configuración control de corriente Hy6340



Sheet: /
 File: PCB_Completo.kicad_sch

Title:

Size: A4
 KiCad E.D.A. kicad 7.0.7

Date:

Rev:

Id: 1/1