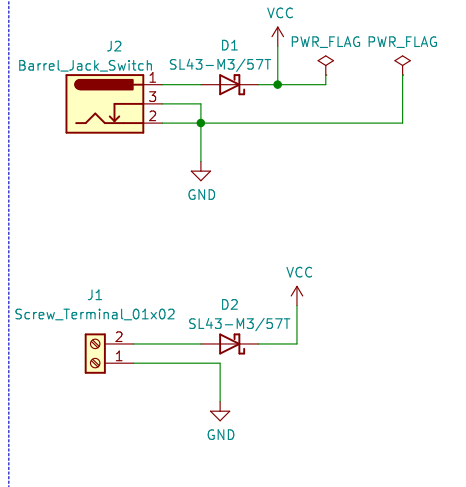
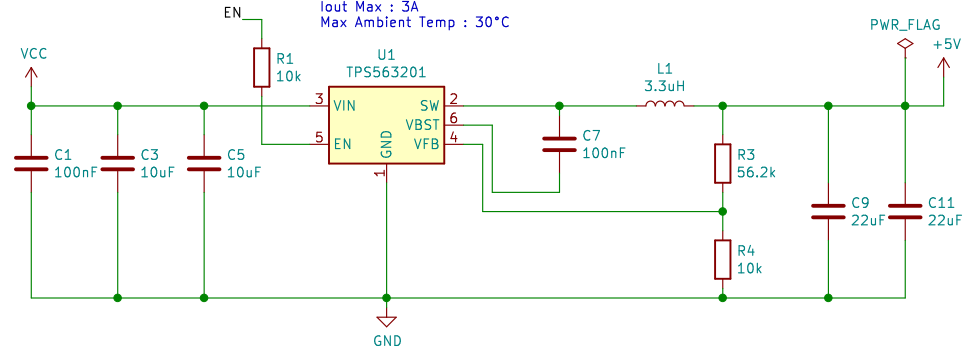


Power in : 9V to 17V



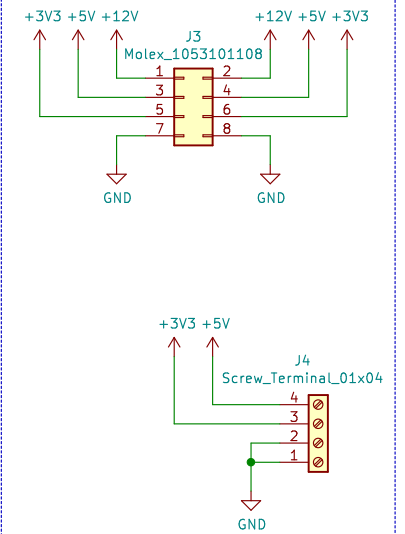
<https://www.ti.com/product/TPS563201>  
Calculated with WEBENCH POWER DESIGNER

calculated for :  
Vin Min : 9V  
Vin Max : 17V  
Vout : 5.0V  
Iout Max : 3A  
Max Ambient Temp : 30°C

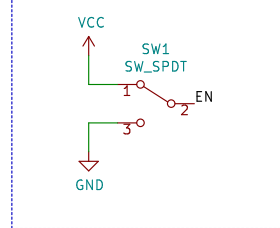


Power out

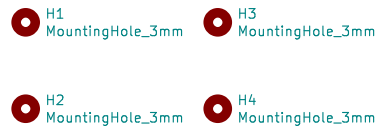
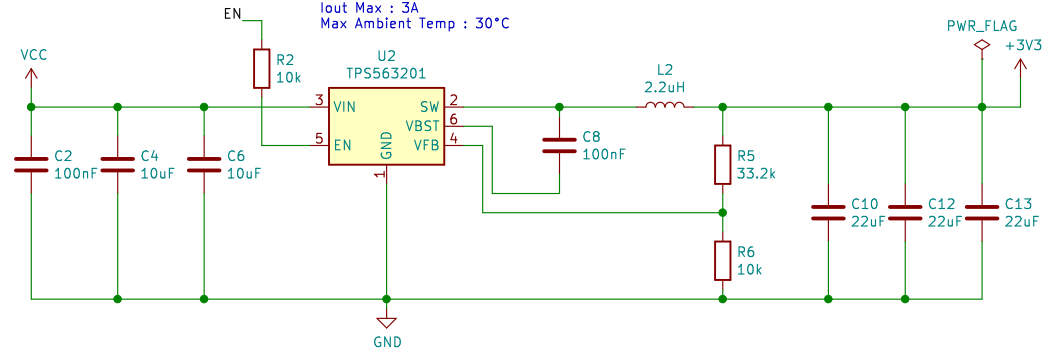
+12V is unused



Enable switch



calculated for :  
Vin Min : 9V  
Vin Max : 17V  
Vout : 3.3V  
Iout Max : 3A  
Max Ambient Temp : 30°C



This source describes Open Hardware and is licensed under the CERN-OHL-W v2 or later.

You may redistribute and modify this documentation and make products using it under the terms of the CERN-OHL-W v2 (<https://cern.ch/cern-ohl>). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE.

Please see the CERN-OHL-W v2 for applicable conditions.

Licensed under CERN-OHL-W v2 or later  
Copyright Guillaume Guillet 2021

**Guillaume Guillet**

Sheet: /  
File: GCM\_powerSupply.sch

**Title: GCM power supply**

Size: A4 Date: 2021-03-29

KiCad E.D.A. kicad (5.1.8)-1

**Rev: V1.0**

Id: 1/1