

1

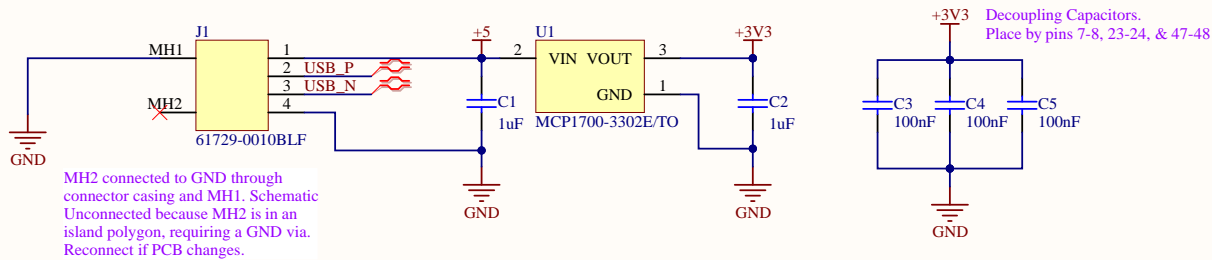
2

3

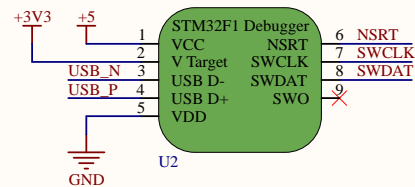
4

USB Type B Connector

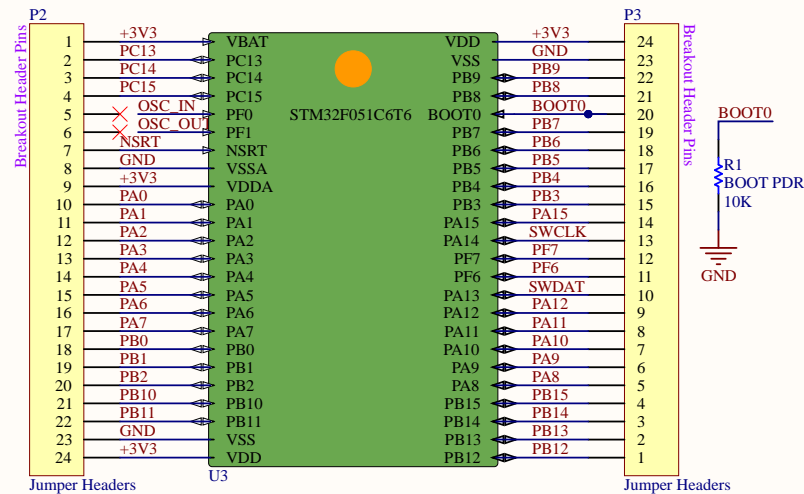
5V -> 3V3 Linear Regulator



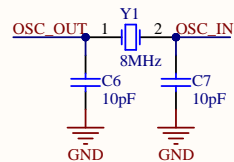
STM32F1 Debugger Module



STM32F051 MCU with Breakout Headers

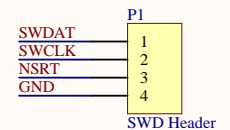


HSE Oscillator



Included for high speed clockless communication.
Can be ommitted and HSI Oscillator used instead.
Recommended values shown but any crystal between 4MHz and 32MHz acceptable.

External Debugging Pins



OSC_IN & OSC_OUT not connected to headers as this wil never produce a goos oscillation.

Title: STM32F051 Lite Development Board			<i>University of Cape Town Department of Electrical Engineering Rondebosch Cape Town South Africa 7701</i>
Size: A4	Number:1	Revision:v1.0	
Date: 1/14/2020	Time: 12:44:00 AM	Sheet 1 of 1	
File: Schematic.SchDoc		Author: LD Stanton	



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