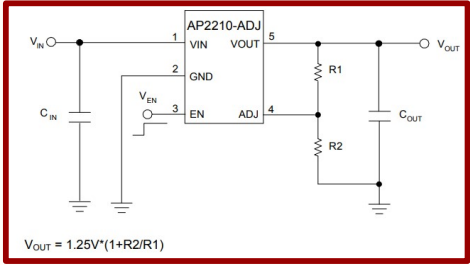


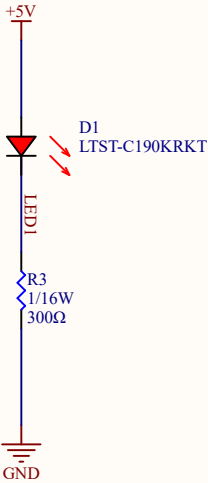
LDO Regulator



$V_{out} = (1.25) * (1 + 15/9.1)$
 $V_{out} = 3.31V$

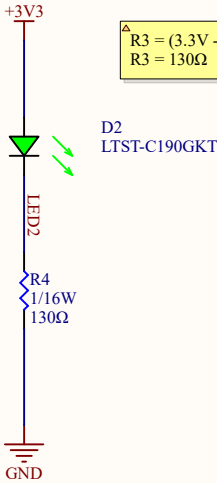
5V Input LED

$R3 = (5V - 2.0V)/0.01A$
 $R3 = 300\Omega$



3.3 Output LED

$R3 = (3.3V - 2.0V)/0.01A$
 $R3 = 130\Omega$



Title 5V to 3V3 LDO		
Size A4	Number	Revision
Date: 6-17-2024	Sheet of	
File: C:\Users\...\Chai bootcamp schematic.SchDoc	Drawn By:	