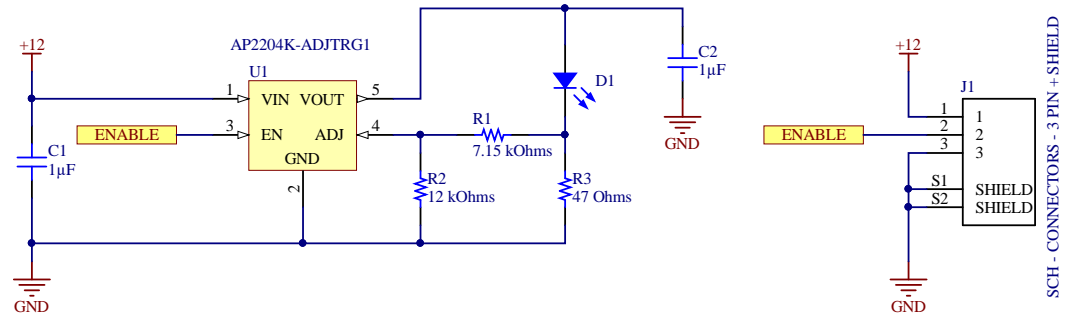
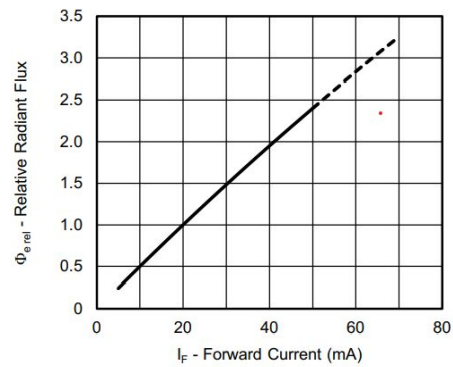
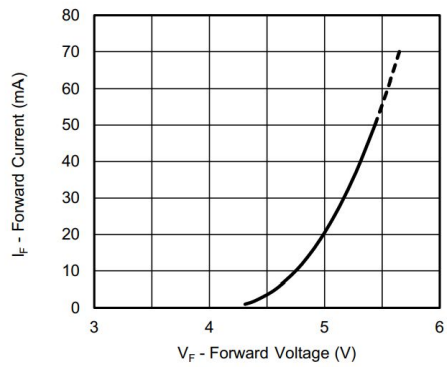


VLMU35CL00-280-120
 Forward Voltage ~ 5.4V
 Forward Current ~ 40mA
 Radiant Flux ~ 1.9mW



$V_{out} = V_{adj} * (1 + R1/R2)$
 $V_{adj} = 1.24V$
 $V_{out} = 2V$ across $R3$
 $R2 = 12K$ (chosen)
 $R1 = 7.35K$ (calculated) [7.15K actual]
 $V=IR$
 $2V = 45mA * R$
 $R = 44.44$ Ohms (47 Ohms actual)

Title <i>SPEXTRO - LED BOARD</i>			RIT Space Exploration Team Rochester Institute of Technology 1 Lomb Memorial Drive Rochester, NY 14623 https://spex.rit.edu
Size: A4	Author Adam R. Lehman	Revision: 1A	
Date: 2/23/2020	Time: 8:33:44 PM	Sheet 1 of 1	
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