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△ HC1  
HC2  
HC3

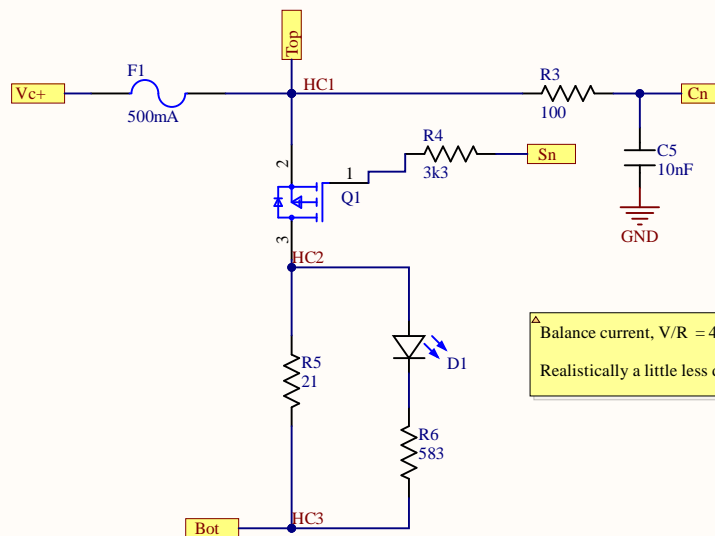
i Balance Current

△ Vc+ is connected to FPC connector (direct to cell)

Cn is connected to BMS IC for cell measurement


Sn is connected to BMS IC for FET switching

Bot is connected to cell belows Top



△ Balance current,  $V/R = 4.2/21 = 200\text{mA}$

Realistically a little less due to FET  $R_{DS}$  but a small increase with parallel LED.

Title Balance_Circuit.SchDoc			
Author William Jupp	Version V1.0	Project HV_BMS.PrjPcb	
Date 13/09/2021			
Sheet 5 of 6			

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