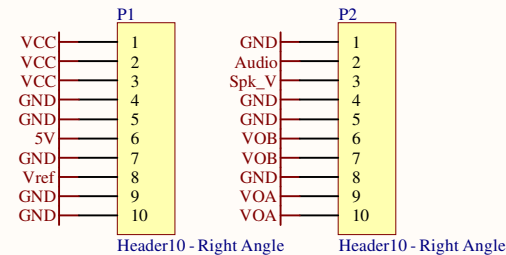
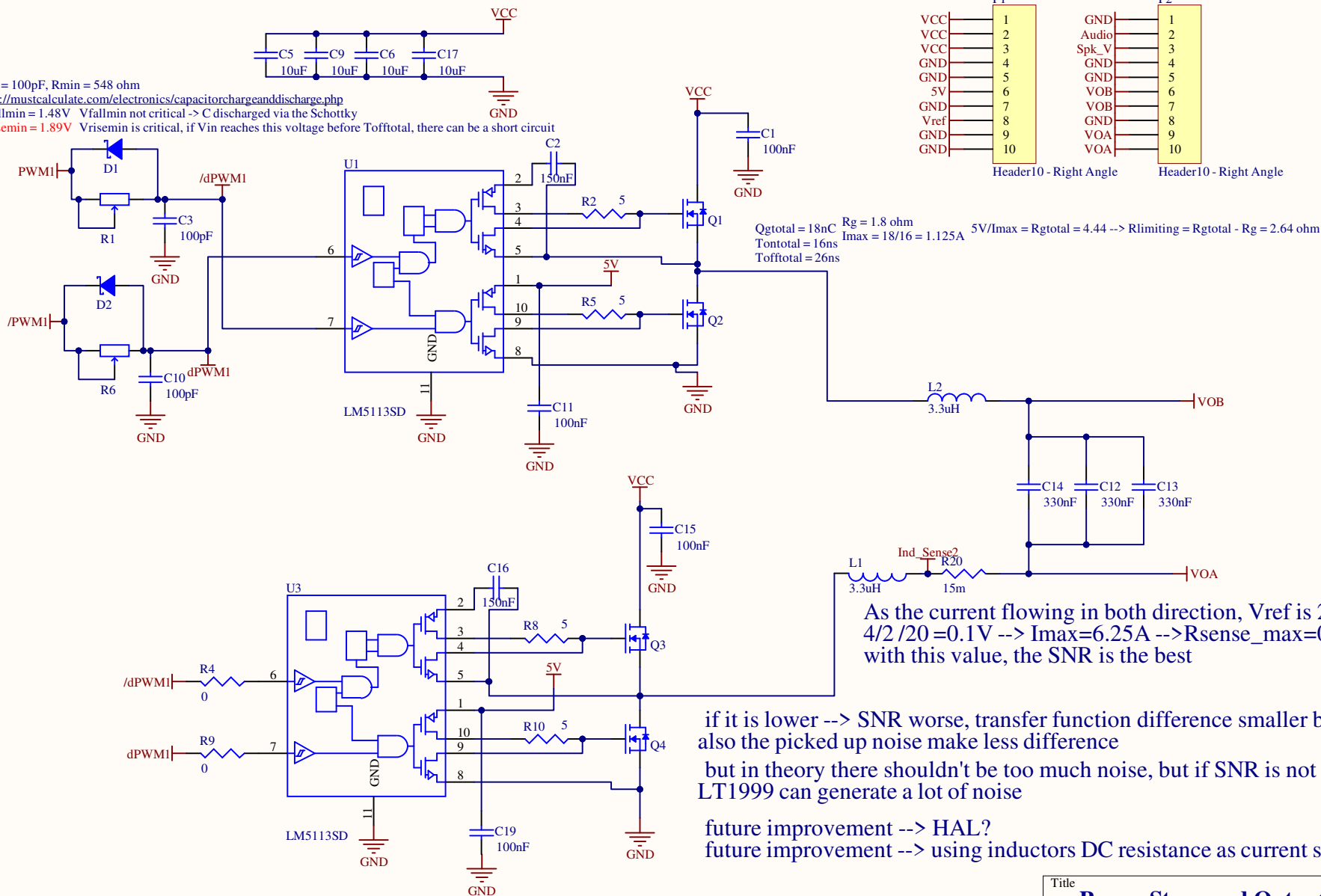


If  $C = 100\text{pF}$ ,  $R_{\text{min}} = 548\text{ ohm}$

<http://mustcalculate.com/electronics/capacitorchargeanddischarge.php>

$V_{\text{fallmin}} = 1.48\text{V}$   $V_{\text{fallmin}}$  not critical -> C discharged via the Schottky

$V_{\text{risemin}} = 1.89\text{V}$   $V_{\text{risemin}}$  is critical, if  $V_{\text{in}}$  reaches this voltage before  $T_{\text{offtotal}}$ , there can be a short circuit



Title <b>Power Stage and Output Filter</b>		
Size A4	Number	Revision <b>B</b>
Date:	12-28-2020	Sheet of 1
File:	C:\Users\N\Powerstage_silicon2.SchDoc	Drawn By: Nicolai Dahl & Niels Iversen