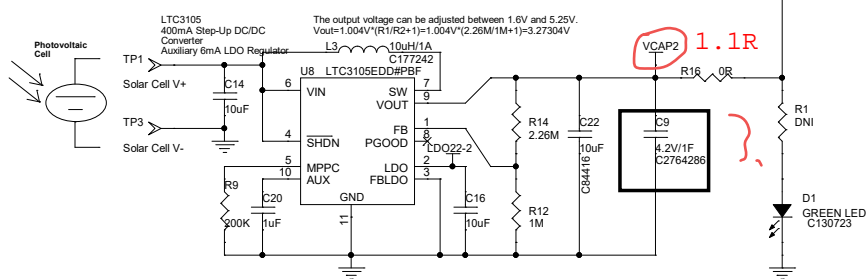
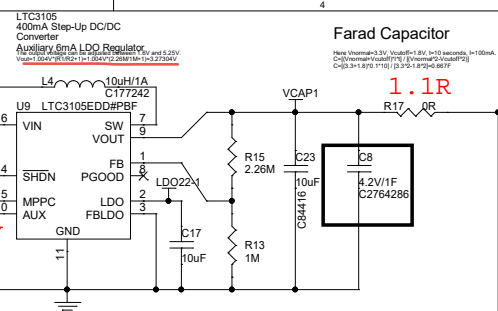
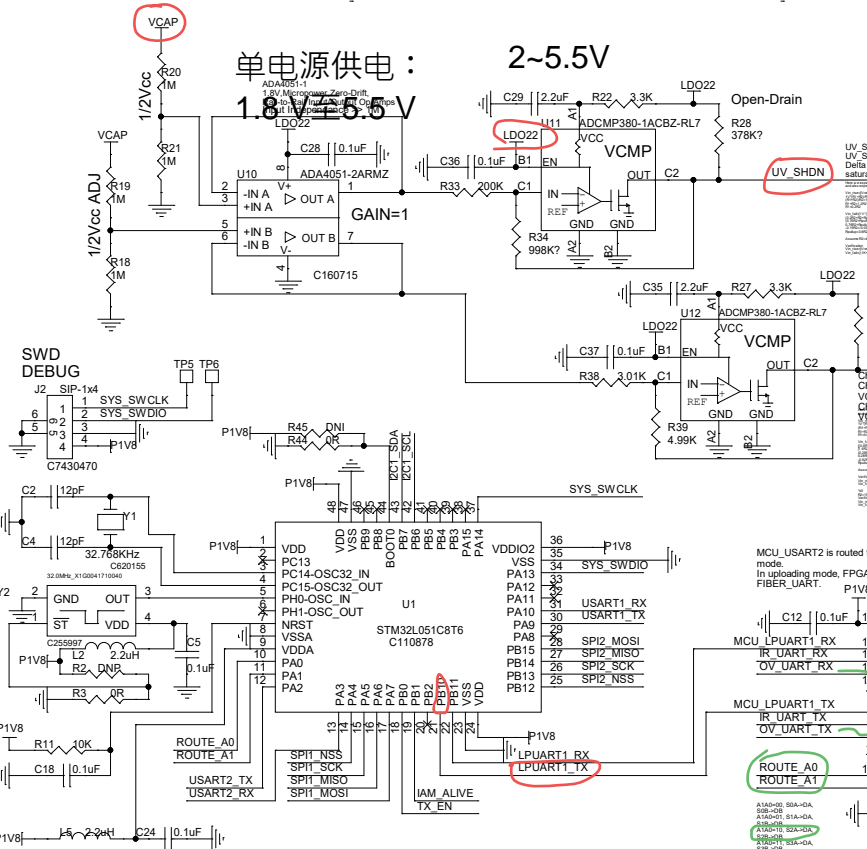


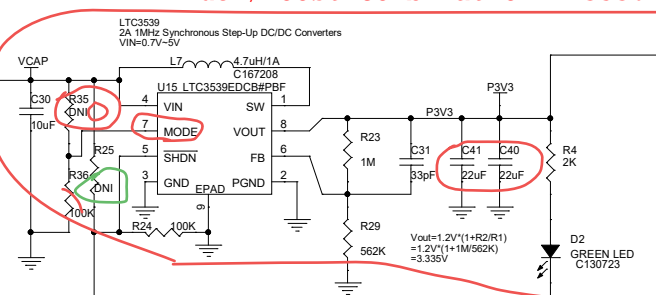
photovoltaic cell
convert efficiency
30%
 $500\text{mW} \times 30\% = 150\text{mW}$



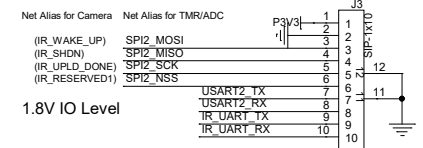
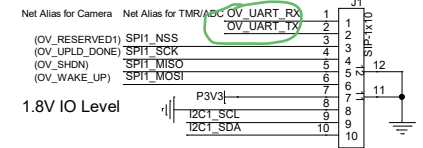
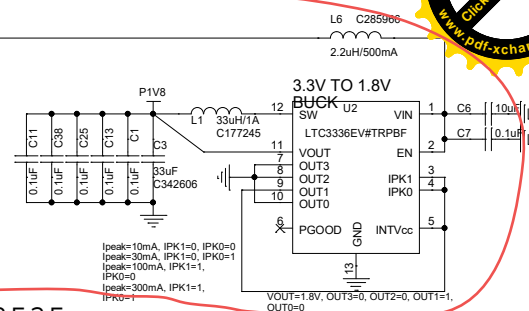
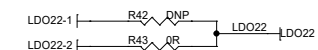
单电源供电：
1.8V~5.5V



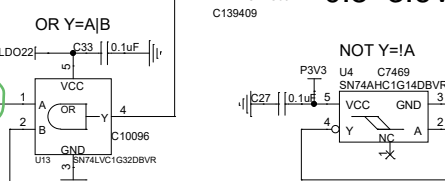
Buck/Boost Combination LM3536



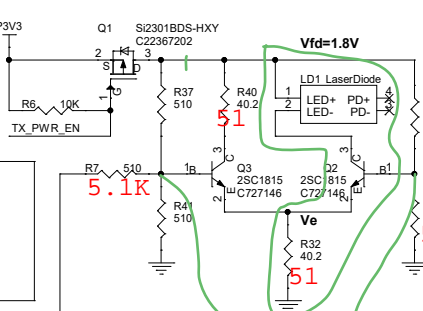
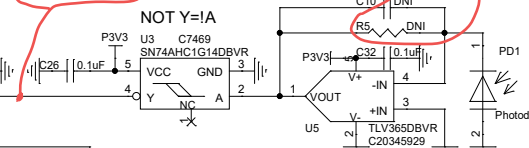
replace with LTC3535



1.65~5.5V



TTL-USB



State Grid Smart Grid Research Institute Co., Ltd.				
6-POWER SUPPLY UNIT				
Size	Document Number	Design	Check	Rev
A3	GLPP-2024	Approval		A1
Date:	Monday, April 22, 2024			
		Sheet	1	of 2