



ON Semiconductor®

FAN6500XX Sync Buck Converter

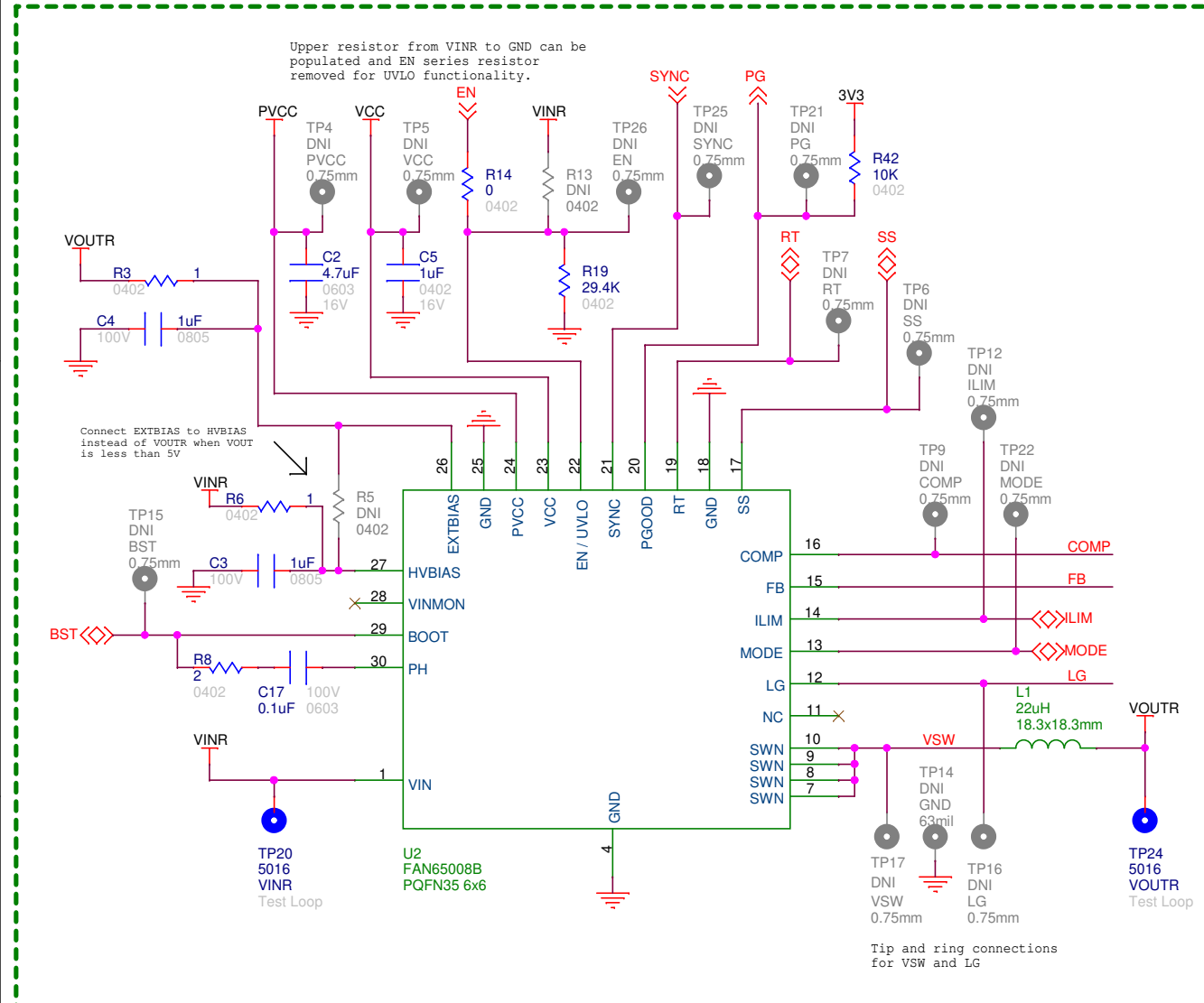
Comment Legend

- Required Hardware
- Optional Hardware
- Telemetry Hardware

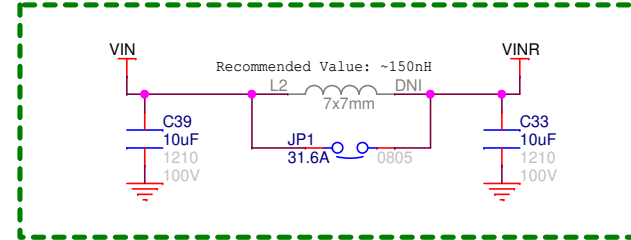
ON Semiconductor		
Title FAN6500XX Sync Buck Converter	Orderable Part Number STR-FAN6500XX-GEVB	
Variant Name FAN65008B	Document Number ONSEC-19-005	Rev REV2
Date: Friday, December 18, 2020	Sheet 1 of 7	1

FAN6500XX Sync Buck

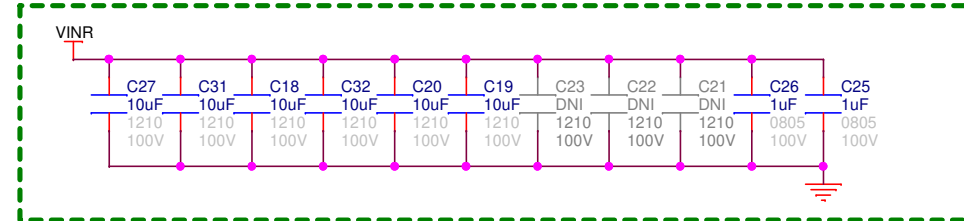
FAN6500XX Controller



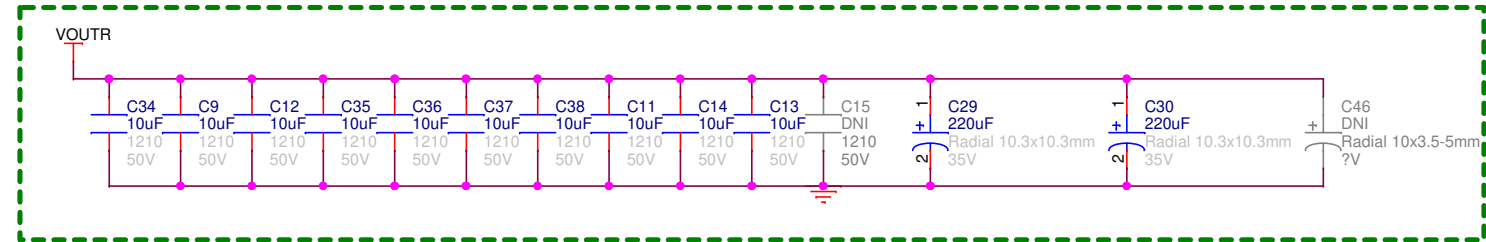
Input Filter



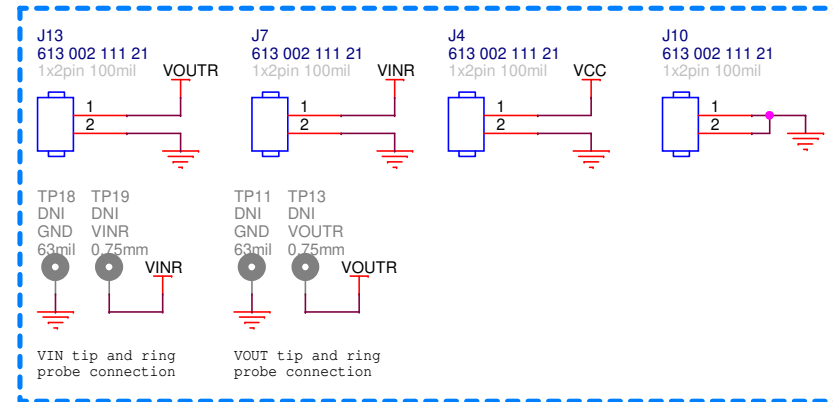
Input Capacitors



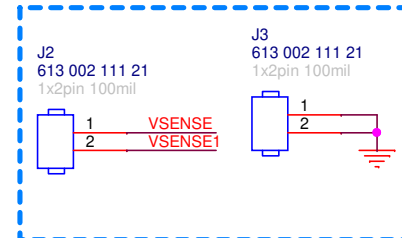
Output Capacitors



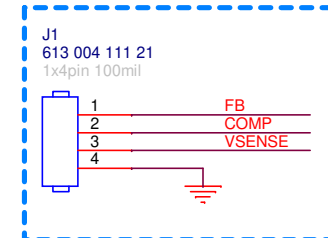
Headers and Test Points



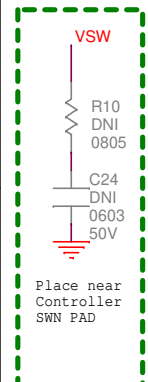
Bode Connection



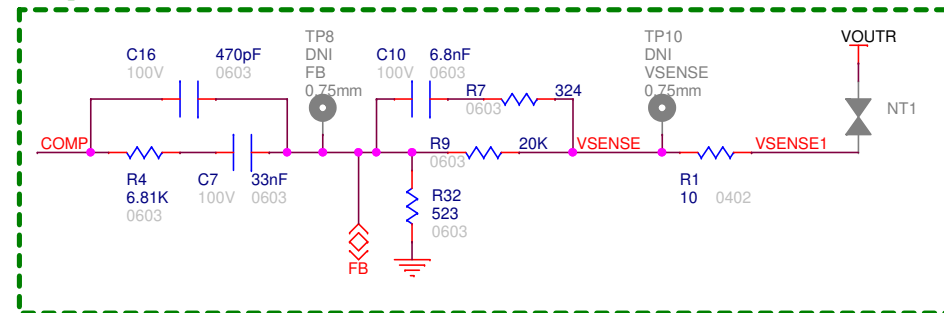
Tuning Connection



Snubber



Compensation

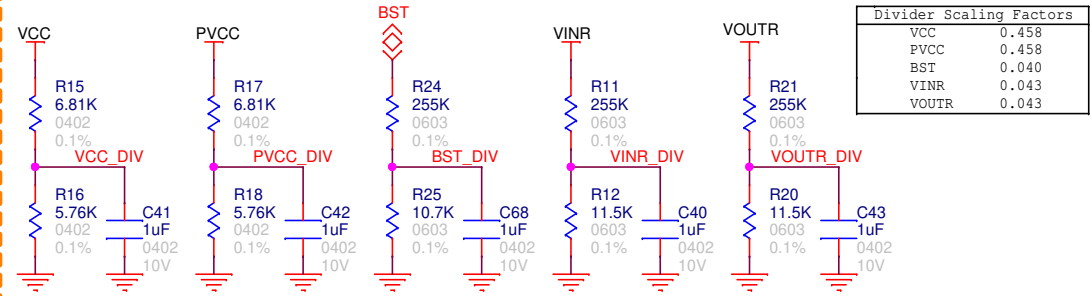


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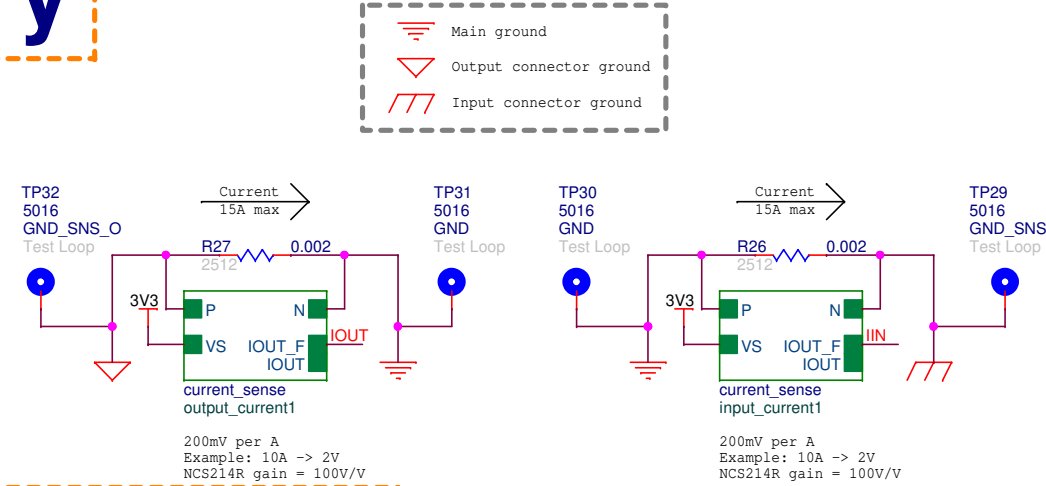
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Variant Name FAN65008B		Document Number ONSEC-19-005	Rev REV2
Date: Friday, December 18, 2020		Sheet	2 of 7

Strata Assisted/Telemetry

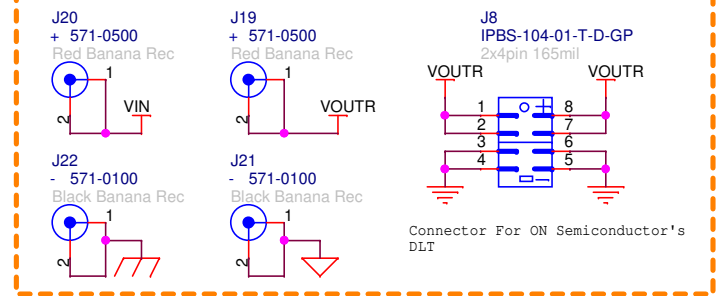
ADC Voltage Dividers



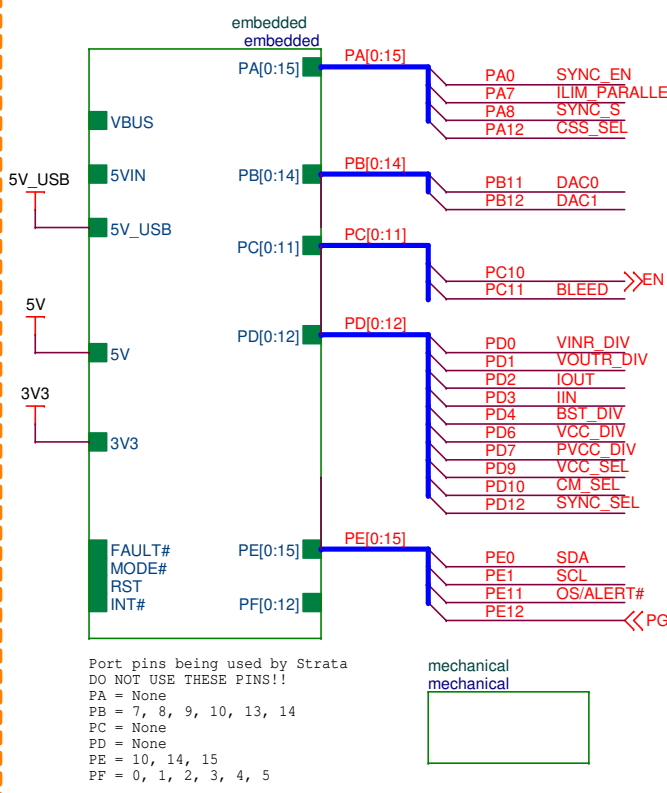
Telemetry



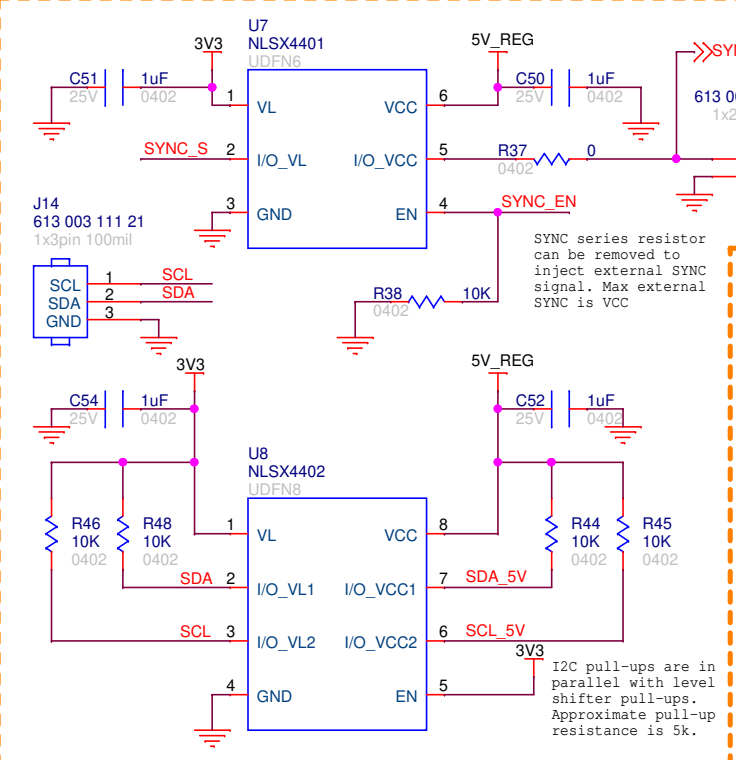
INPUT/OUTPUT Power Connectors



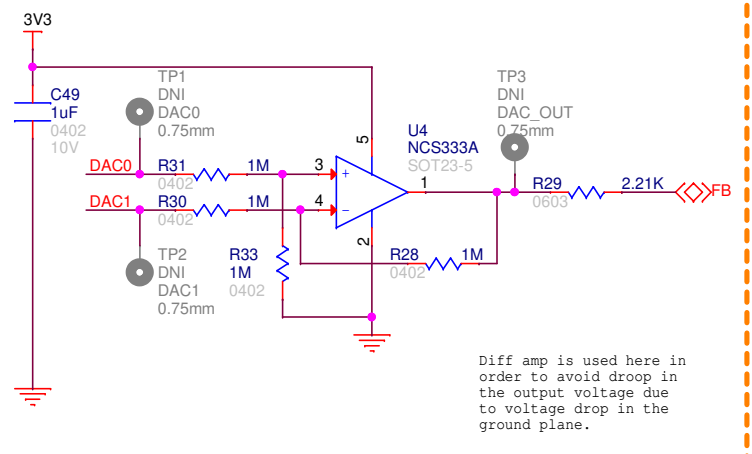
STRATA EMBEDDED



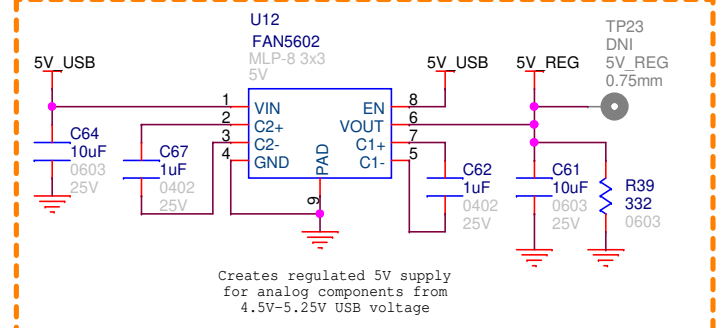
Level Shifters



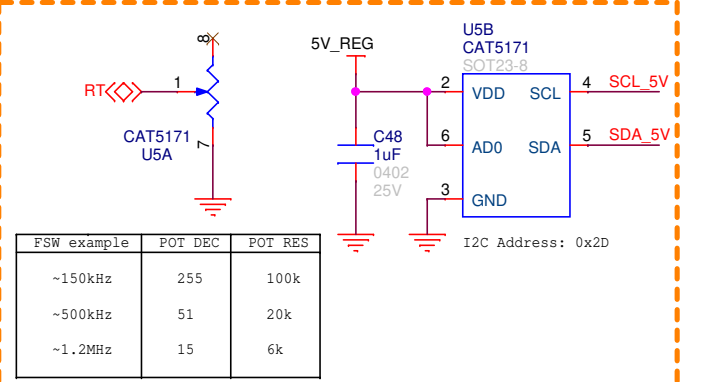
DAC Output Voltage Select



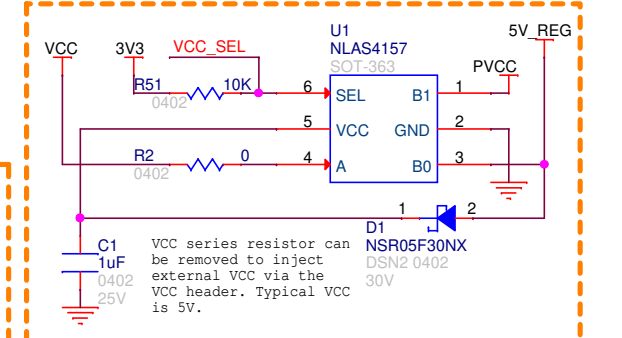
5V LDO/ Charge Pump



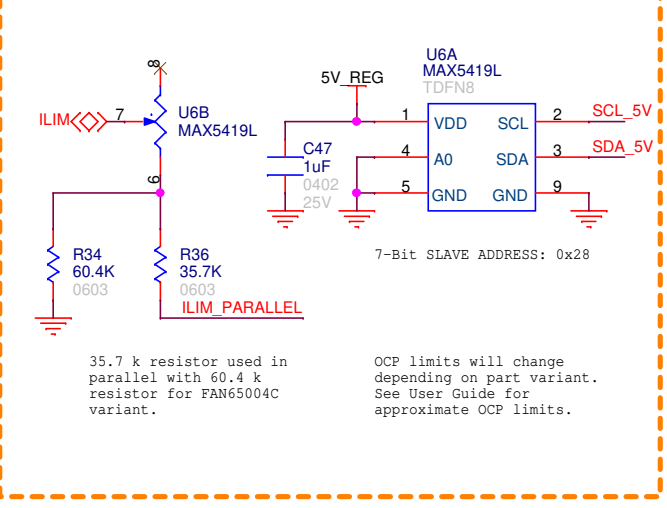
Switching Frequency Select



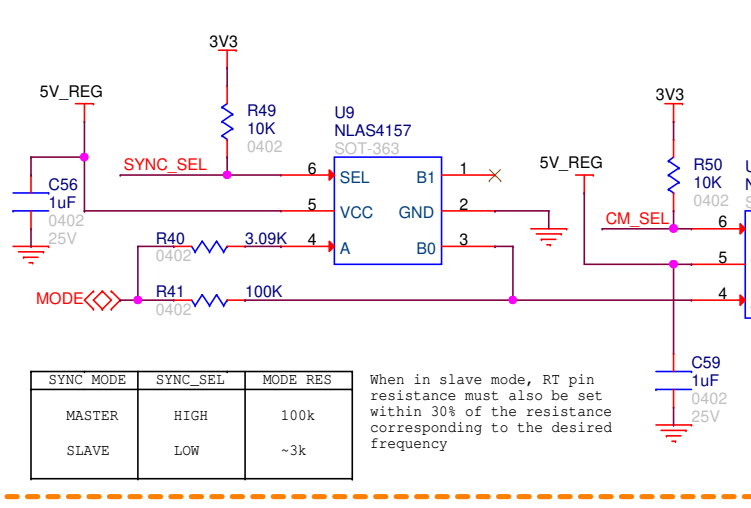
VCC Select Switch



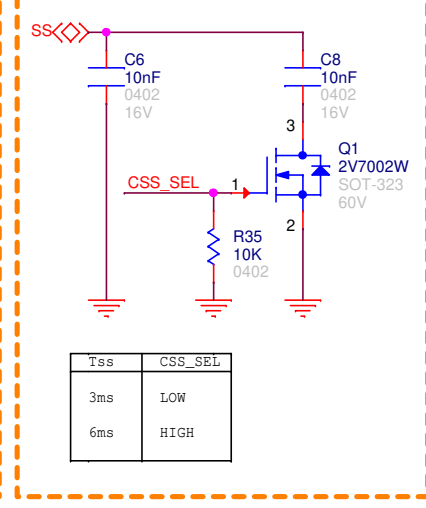
Strata OCP set



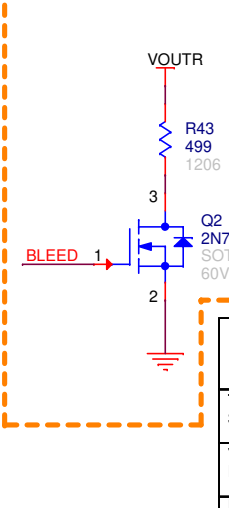
Strata MODE set



Soft-Start Select

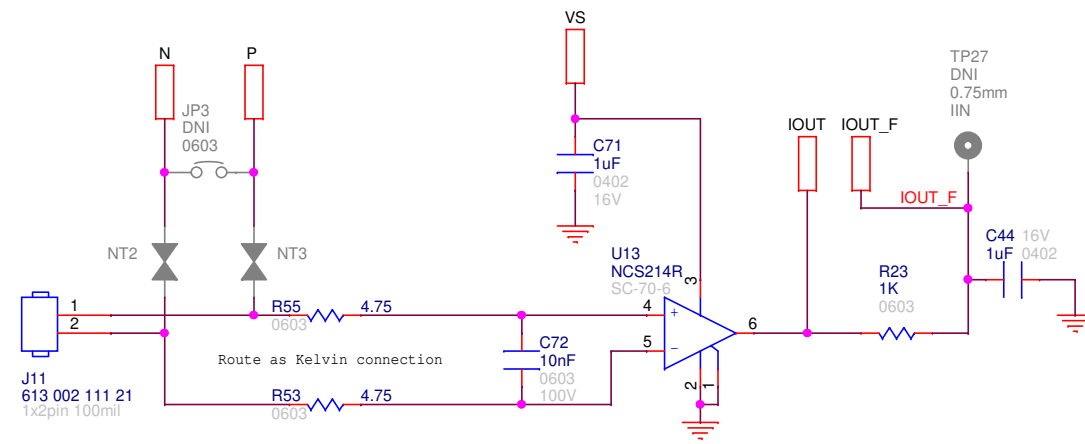


Bleeder

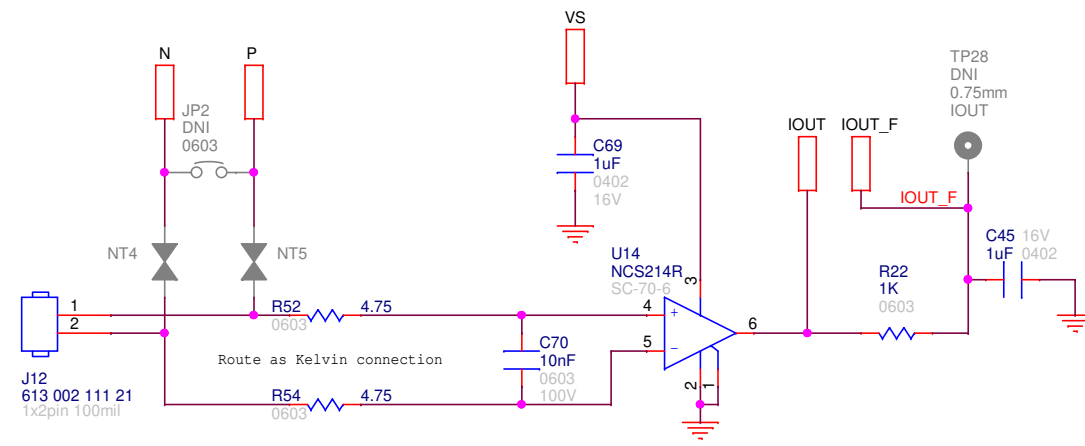


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Title Strata Assisted/Telemetry		Orderable Part Number STR-FAN6500XX-GEVB	
Variant Name FAN65008B		Document Number ONSEC-19-005	Rev REV2
Date: Friday, December 18, 2020		Sheet	3 of 7

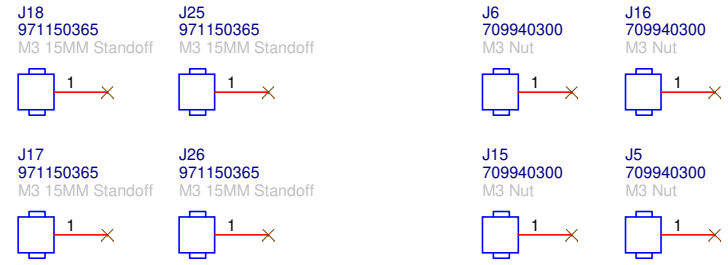


ON Semiconductor		
Title Input Current Sense		Orderable Part Number STR-FAN6500XX-GEVB
Variant Name FAN65008B	Document Number ONSEC-19-005	Rev REV2
Date: Friday, December 18, 2020	Sheet 4 of 7	1



ON Semiconductor		
Title Output Current Sense		Orderable Part Number STR-FAN6500XX-GEVB
Variant Name FAN65008B		Document Number ONSEC-19-005
Date: Friday, December 18, 2020		Rev REV2
Sheet 5 of 7		

Mechanical



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Title Mechanical	Orderable Part Number STR-FAN6500XX-GEVB	
Variant Name FAN65008B	Document Number ONSEC-19-005	Rev REV2
Date: Friday, December 18, 2020	Sheet 7 of 7	1