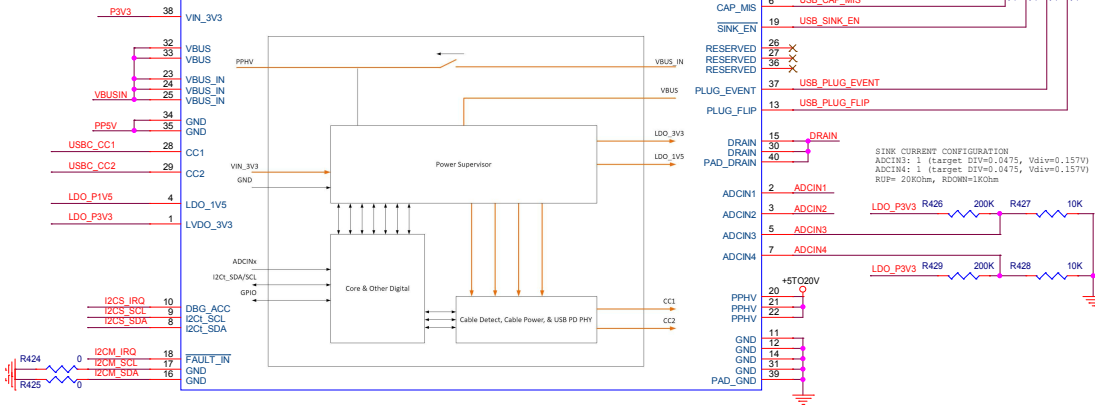
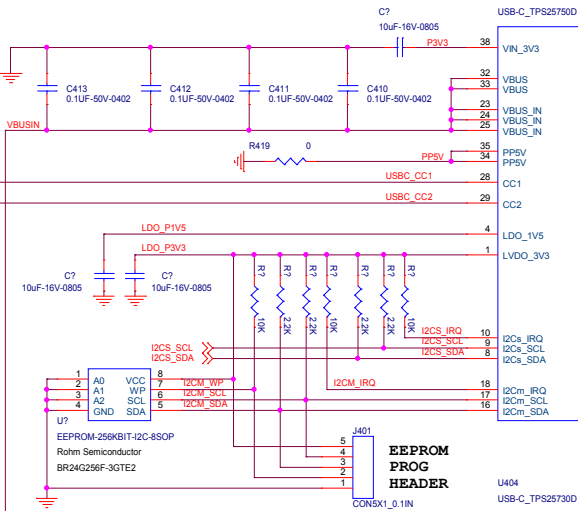
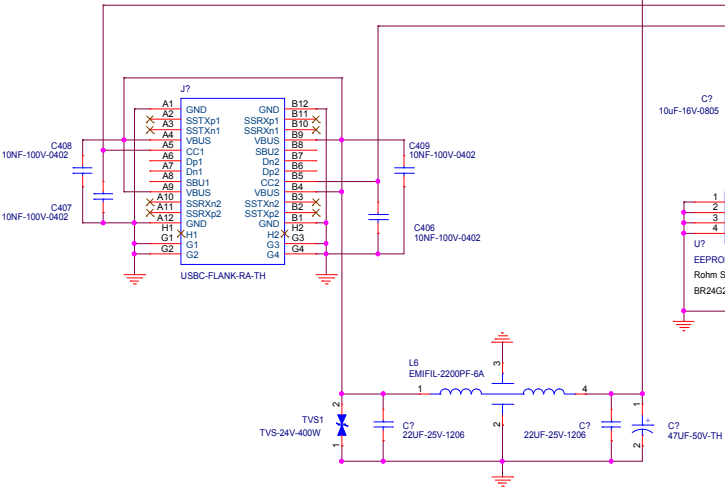


USB-C Power Types Comparison		
Charger Type	Typical Power Range	Notes
Basic/Legacy USB-C	5W - 15W	Designed for phones, small devices; slow for laptops
USB-C PD (Mid-range)	30W - 65W	Versatile for many laptops and tablets
High-power USB-C PD	65W - 100W+	Required for demanding laptops or multi-device use

POWER INPUT USB-C:
Targeting use of both USB-C PD capable adapter delivering 30W to 65W as well as USB-C non PD at 15W (5V x 3A) for future ARM based low power units
Design goal is 30W max powerdraw, so that any PD type adapter can be used.
Max Vin is 20, so design goal is max 10V for margin

MAIN USB-C POWER CONNECTOR



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