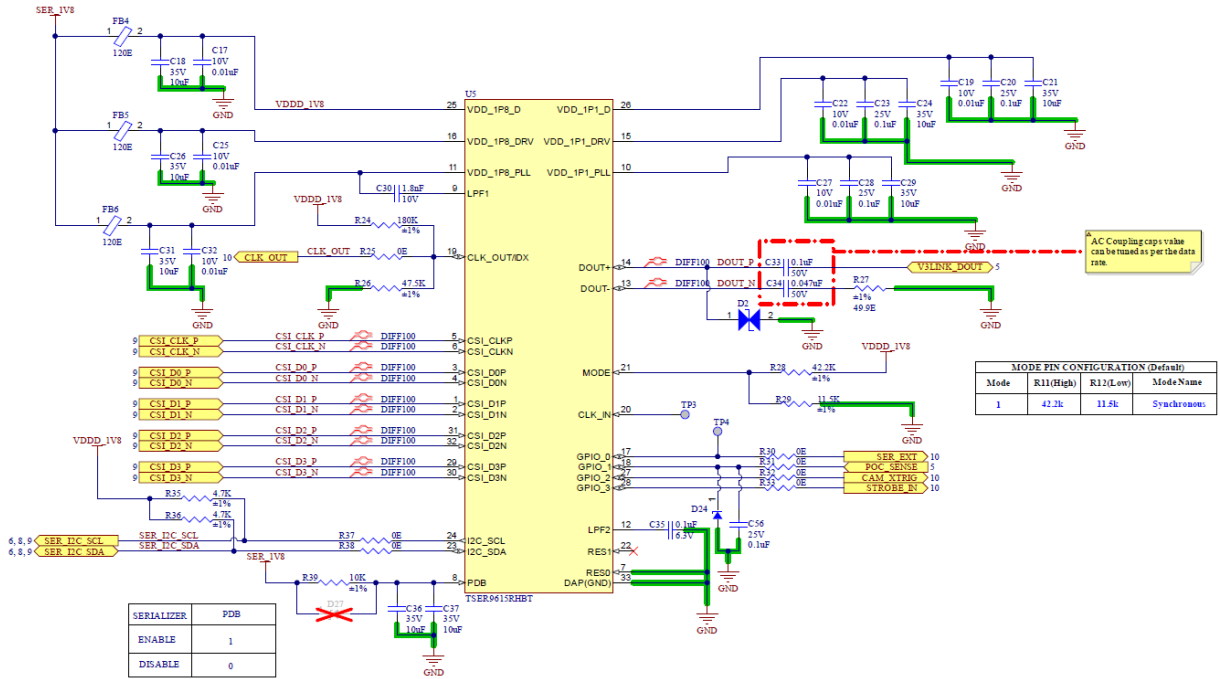
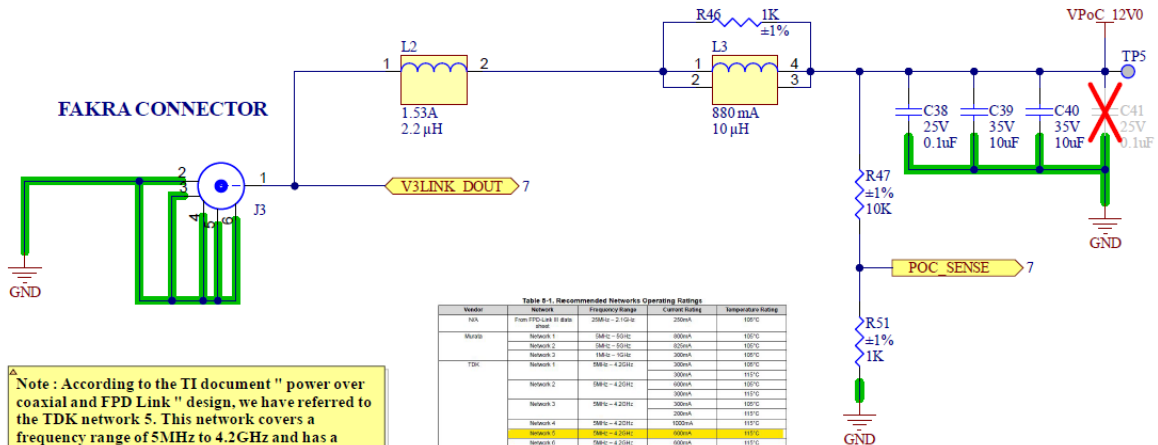


SERIALIZER INTERFACE



Power_Over_Coaxial_12V0_@390mA



Note : According to the TI document " power over coaxial and FPD Link " design, we have referred to the TDK network 5. This network covers a frequency range of 5MHz to 4.2GHz and has a current of 600mA. It meets the requirements for both the backward channel and forward channel in terms of frequency and current.

Node	Network	Frequency Range	Current Rating	Proposed Rating
Shard1	Node 1	200MHz - 2.5Ghz	1000MHz	1000MHz
	Node 2	5MHz - 500Hz	500MHz	1000MHz
	Node 3	5MHz - 500Hz	500MHz	1000MHz
	Node 4	5MHz - 500Hz	500MHz	1000MHz
Shard2	Node 1	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 2	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 3	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 4	500Hz - 2.5GHz	1000MHz	1000MHz
Shard3	Node 1	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 2	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 3	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 4	500Hz - 2.5GHz	1000MHz	1000MHz
Shard4	Node 1	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 2	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 3	500Hz - 2.5GHz	1000MHz	1000MHz
	Node 4	500Hz - 2.5GHz	1000MHz	1000MHz