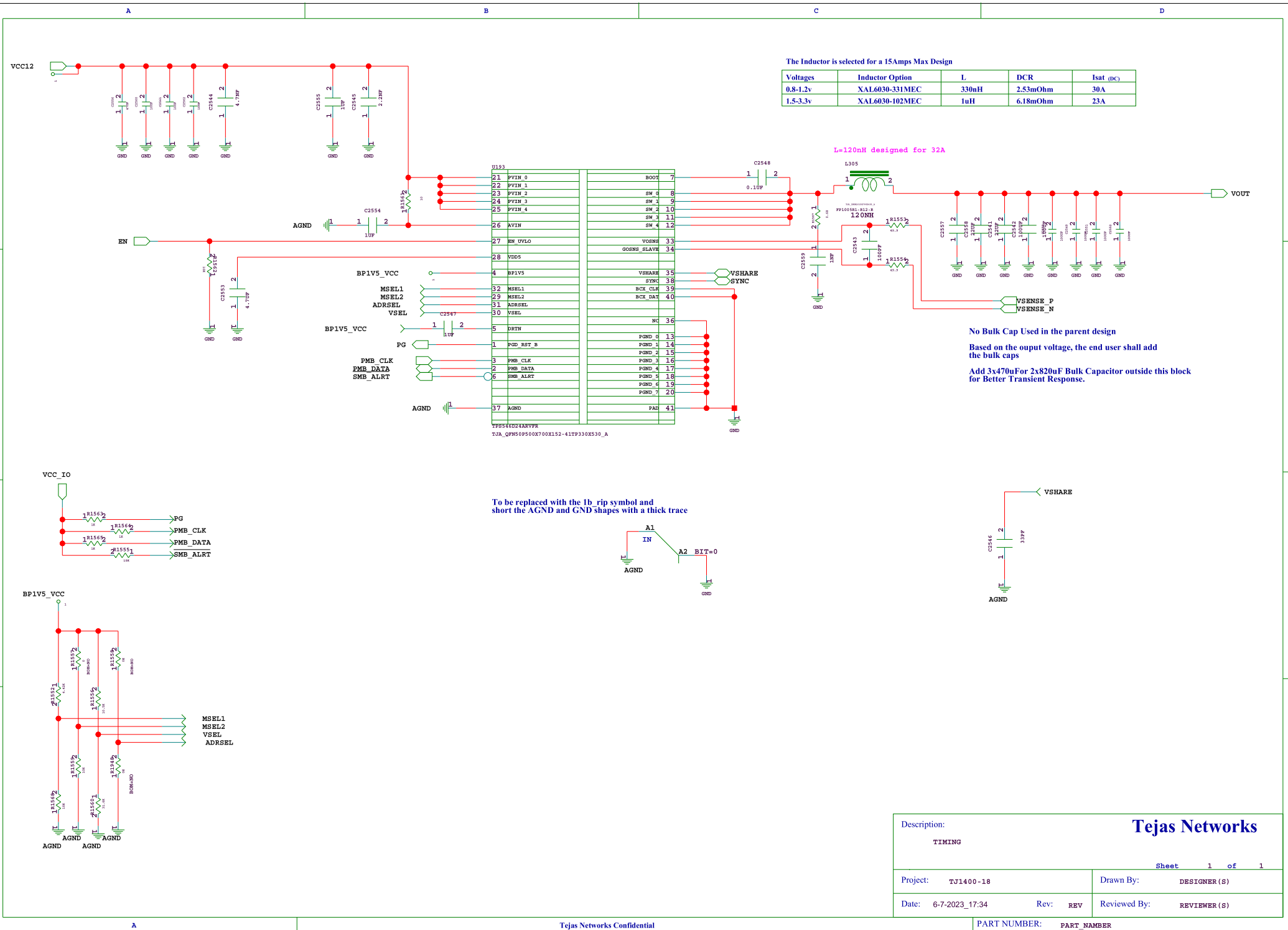




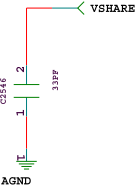
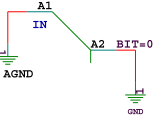
The Inductor is selected for a 15Amps Max Design

Voltages	Inductor Option	L	DCR	Isat (DC)
0.8-1.2v	XAL6030-331MEC	330nH	2.53mOhm	30A
1.5-3.3v	XAL6030-102MEC	1uH	6.18mOhm	23A

L=120nH designed for 32A

No Bulk Cap Used in the parent design
Based on the ouput voltage, the end user shall add the bulk caps
Add 3x470uF for 2x820uF Bulk Capacitor outside this block for Better Transient Response.

To be replaced with the 1b_rip symbol and short the AGND and GND shapes with a thick trace



Descripton:
TIMING

Project: TJ1400-18
Date: 6-7-2023_17:34

Sheet 1 of 1

Drawn By: DESIGNER (S)
Reviewed By: REVIEWER (S)

Rev: REV

Tejas Networks

PART NUMBER: PART_NUMBER