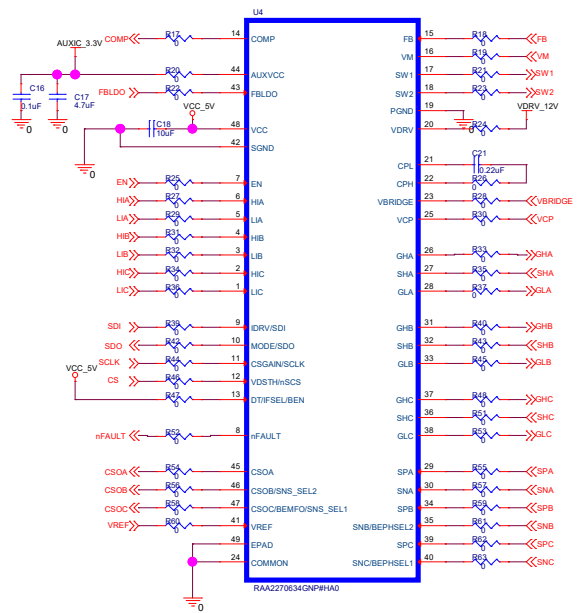


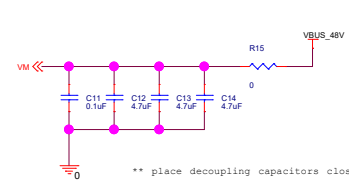
GATE DRIVER

** place decoupling capacitors close to IC



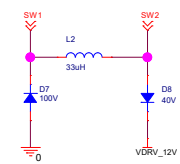
** EPAD is not a pin. It is ground pad. Connect to system ground plane on the board level

BUCK-BOOST REGULATOR INPUT

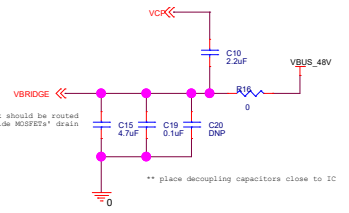


** place decoupling capacitors close to IC

BUCK-BOOST SWITCH NODE



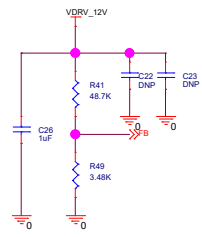
BUS VOLTAGE SENSE



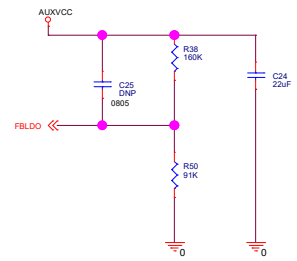
** VBRIDGE track should be routed close to high side MOSFETs' drain pad

** place decoupling capacitors close to IC

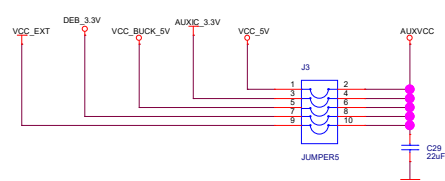
BUCK-BOOST VOLTAGE FEEDBACK



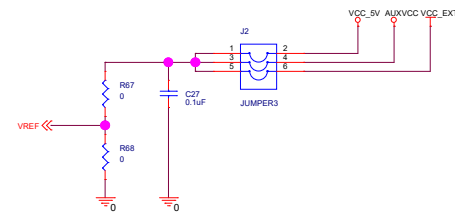
AUXVCC FEEDBACK



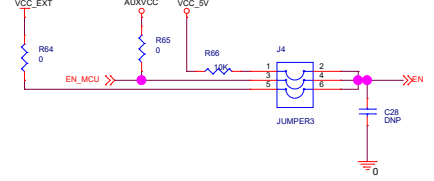
AUXVCC SELECT



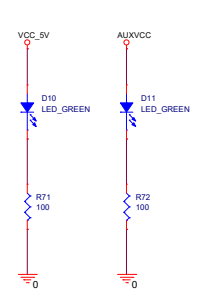
REFERENCE SELECT



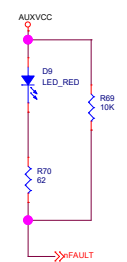
DRIVER ENABLE SELECTION



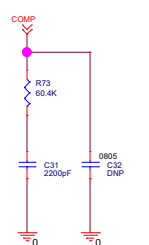
HEALTH INDICATOR



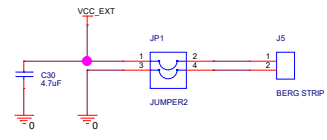
FAULT INDICATION



COMPENSATION NETWORK



EXTERNAL SUPPLY



File	BLDC MOTOR DRIVER	
Size A2	Document Number	Rev VREF
Date:	Friday, April 08, 2022	Sheet 3 of 6