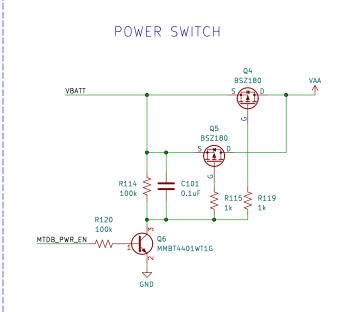
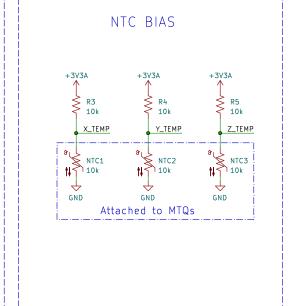
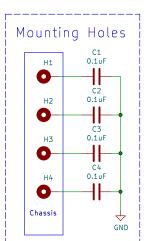


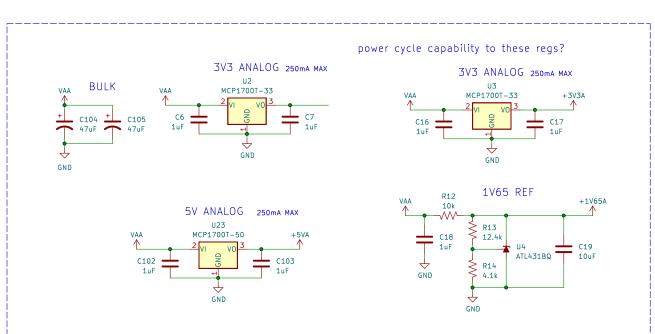
## MTQ CONTROLLER

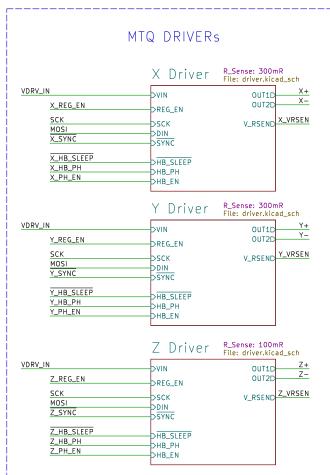


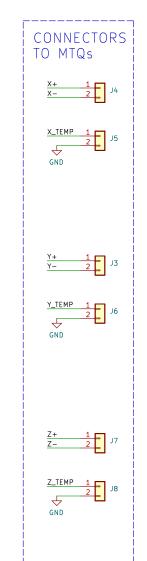






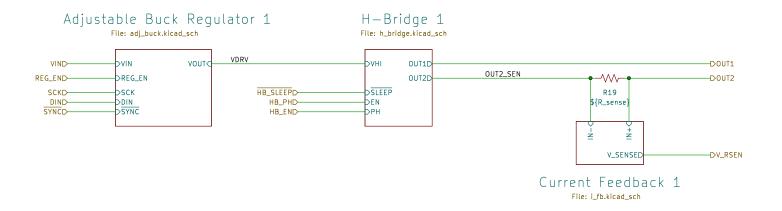






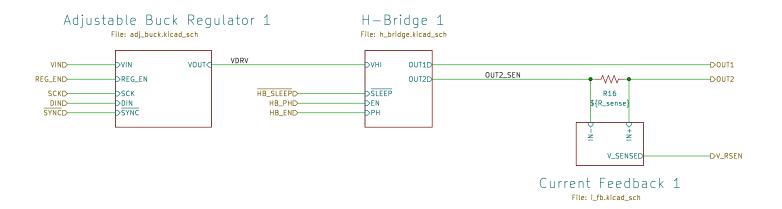
## MTQ DRIVER

# PARAMATERS X/Y MTQ 80-145R, 0.2W 50mA MAX Z MTQ 30-55R, 0.57W 137mA MAX Control of VDRV is 0-5V so control can exceed max power of MTQs.



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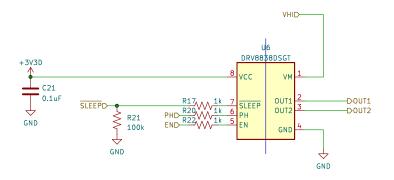


# H-BRIDGE DRIVER

for bi-directional control

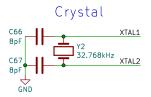
PARAMATERS

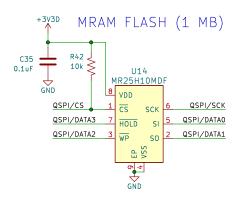
VHI = 0-5V
IOUT = 150mA MAX



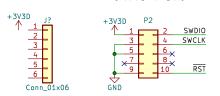
### NOTES:

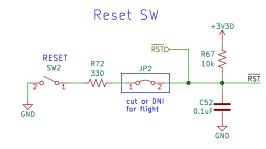
FET body diodes clamp drive voltage no need for output TVS

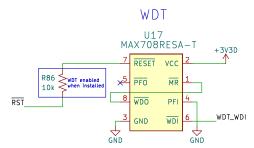


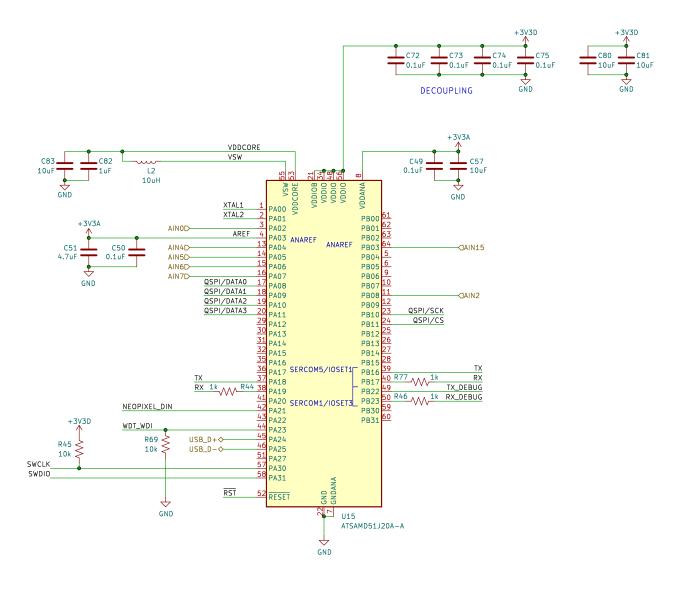


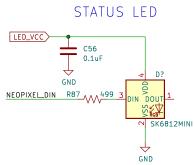
## Debug Serial Header JTAG Port



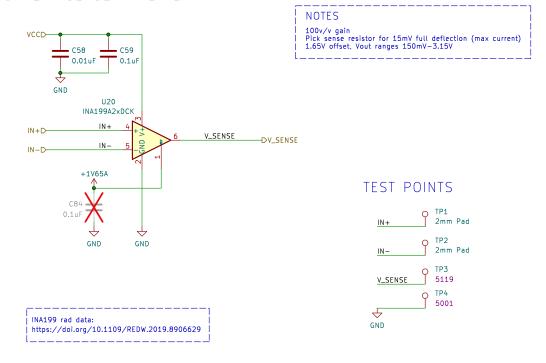




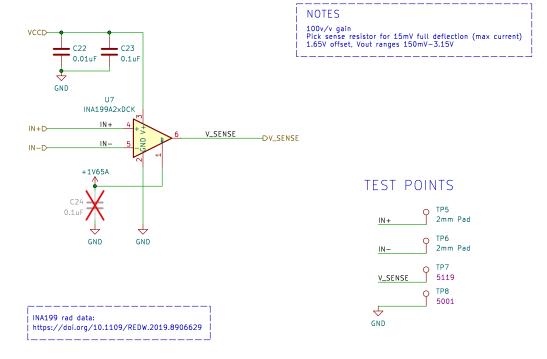


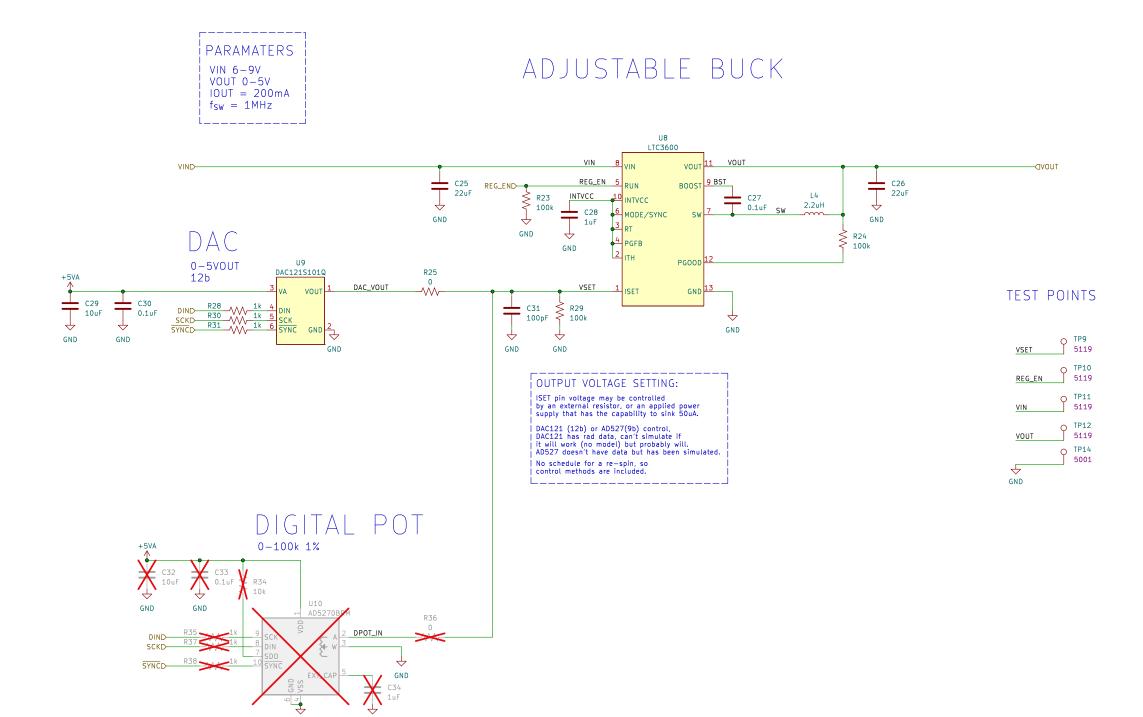


#### CURRENT SENSE AMPLIFIER



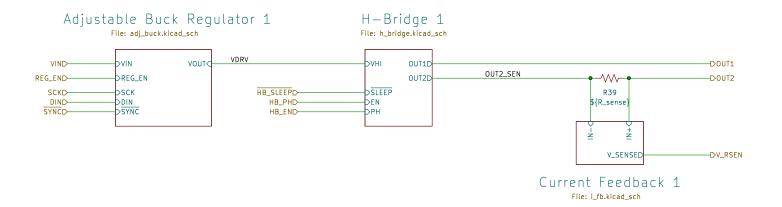
#### CURRENT SENSE AMPLIFIER

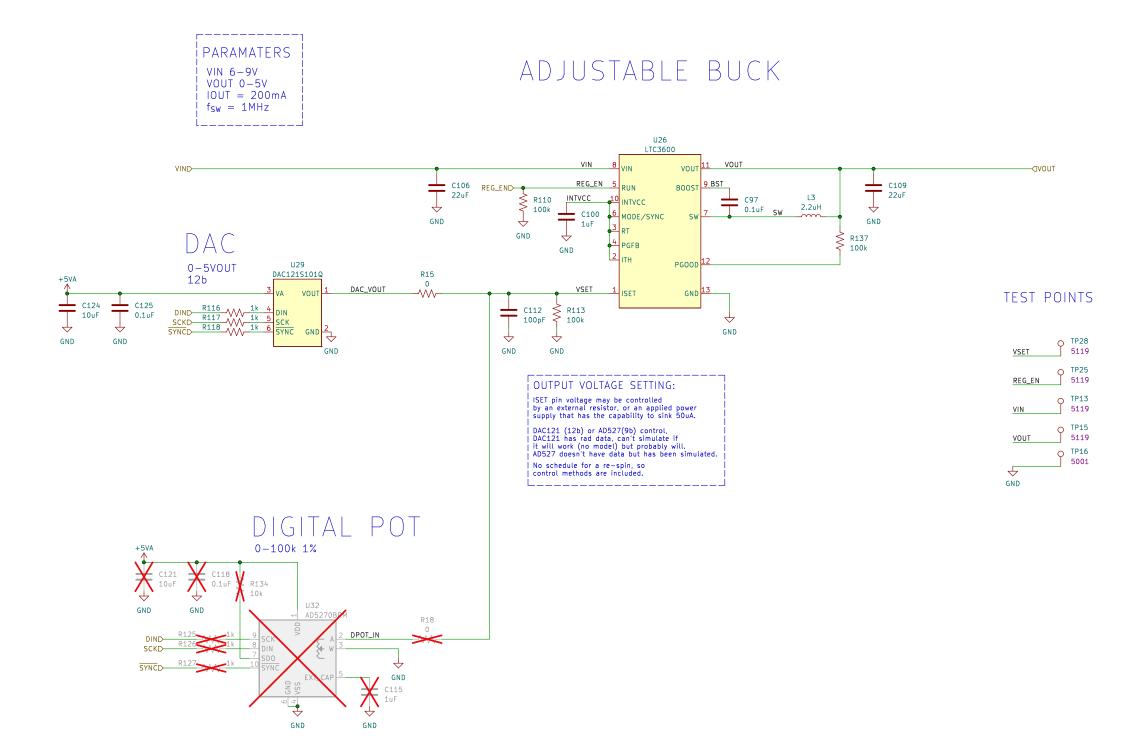




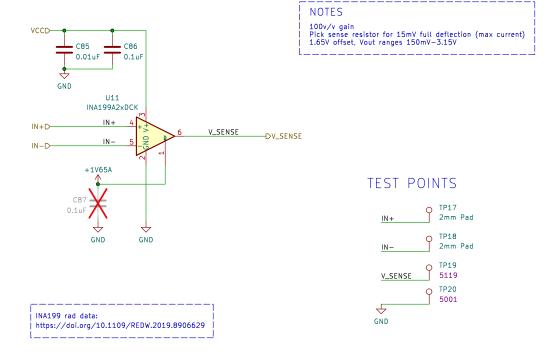
## MTQ DRIVER

# PARAMATERS X/Y MTQ 80-145R, 0.2W 50mA MAX Z MTQ 30-55R, 0.57W 137mA MAX Control of VDRV is 0-5V so control can exceed max power of MTQs.





#### CURRENT SENSE AMPLIFIER



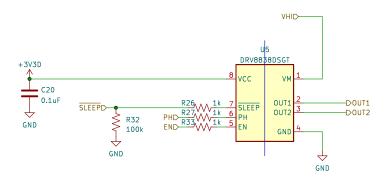
# H-BRIDGE DRIVER

for bi-directional control

PARAMATERS

VHI = 0-5V

IOUT = 150mA MAX



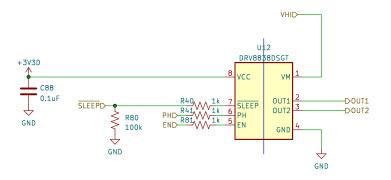
### NOTES:

FET body diodes clamp drive voltage no need for output TVS

# H-BRIDGE DRIVER

for bi-directional control

PARAMATERS VHI = 0-5V IOUT = 150mA MAX



### NOTES:

FET body diodes clamp drive voltage no need for output TVS

