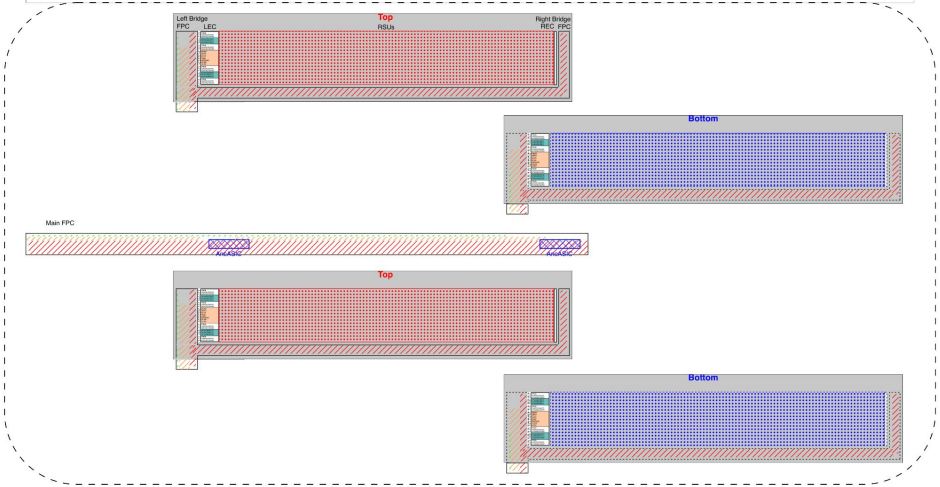
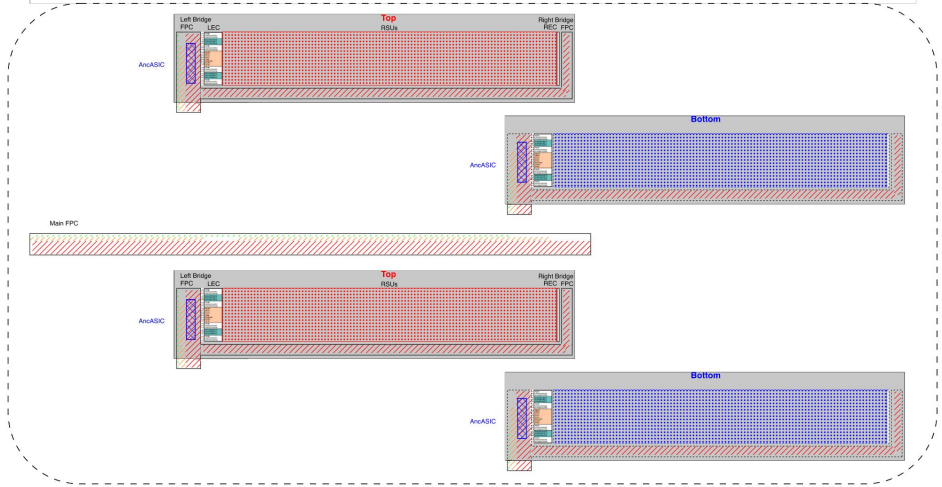
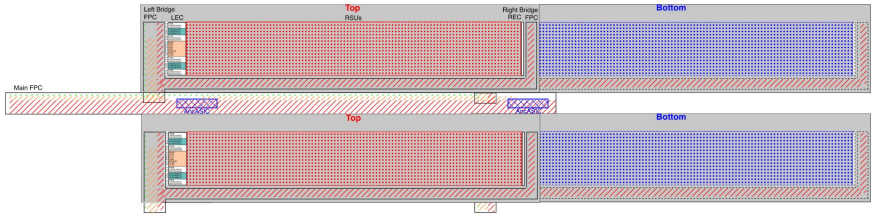
AncASIC on main (left) or bridge (right) FPC

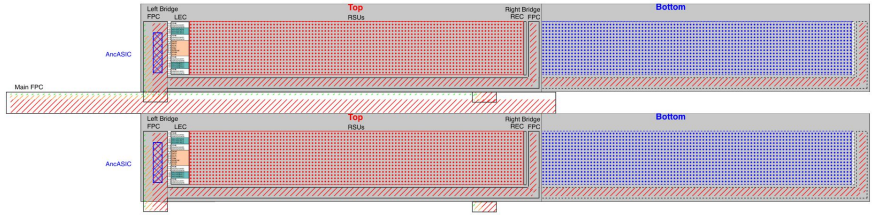
8mm wide 40cm long Main FPC: signal (90+70+130+70+90)*(3+3)=2700 um; I_in/out/return: 5mm width, correspond to 0.075 Ohms per 10cm*2 Al, correspond to 0.08 W power loss
8mm wide 3cm long Left Bridge: signal (90+70+130+70+90)*(8+1)=4050 um; power: 0.1+1.8+0.1+0.5+0.1+0.3+0.1+0.3+0.1+0.3+0.1=3.8mm, correspond to 0.013 W power loss
4mm wide 12cm long Right Bridge: power: 0.1+1.8+0.1+0.5+0.1+0.3+0.1+0.3+0.1+0.3+0.1=3.8 mm, correspond to 0.066 W power loss



8mm wide 40cm long Main FPC: signal (90+70+130+70+90)*(3+3)=2700 um; I_in/out/return: 5mm width, correspond to 0.075 Ohms per 10cm*2 Al, correspond to 0.08 W power loss
9mm wide 3cm long Left Bridge: signal (90+70+130+70+90)*(6+1)=3150 um; I_in/out/return: 1mm width, correspond to 0.0375 Ohms per 1cm*2 Al, correspond to 0.04 W power loss
4mm wide 12cm long Right Bridge: power: 0.1+1.8+0.1+0.5+0.1+0.3+0.1+0.3+0.1+0.3+0.1=3.8 mm, correspond to 0.066 W power loss







Pros:
Cons: