DUNE FRONT END MOTHERBOARD

University of Hawaii at Manoa IDL
Adapted from Brookhaven Design

1V_D
2V_A
2V_D
2.5V_A
2.5V_D

LDO

1V_D
2V_A
2V_D
2.5V_D
2.5V_A

jumper

CRYO1

WIB
DATA out to WIB
WIB clk to CRYO
WIB SACI to CRYO

128 data channels

CRYO2

(jumpers) enable pins and jumpers to load as needed)

Default Op Conditions
sense lines. Keep resistors close to ASIC in between both

Ground? but keep close to cryo
Select raw power in or ldo 2.5 out
Select raw power in or ldo 2.5 out