DUNE FRONT END MOTHERBOARD

University of Hawaii at Manoa IDL
Adapted from Brookhaven Design

1V_D
2V_A
2V_D
2.5V_D
1V_D
2V_A
2V_D
2.5V_D
(128 data channels)

Jumper

CRYO1

WIB
WIB clk to CRYO
WIB SACI to CRYO

CRYO2

128 data channels

1V_D
2V_A
2V_D
2.5V_D
2.5V_A
2.5V_D
2.5V_A

Default Op Conditions

(all LDOs and power options have enable pins and jumpers to load and...
sense lines. Keep resistors close to ASIC in between both

Ground? but keep close to cryo
Left Analog 2.5V

Right Analog 2.5V

Select raw power in or ldo 2.5 out
Select raw power in or ldo 2.5 out