

ADC / DAC Channel Usage

PD	TIA Variant	TIA D25 Output Pins	Y-Cable at AA?	U27 ADC3 AA Port	U27 ADC3 AA Input Pins	ADC3 CH (Count Starts at 0)
ISIK HAM3	(SUS-R2 U4)					
IFO_REF_A	2	1+/14-	N	In 1-8	1+/14-	0
IFO_REF_B	2	2+/15-	N	In 1-8	2+/15-	1
IFO_MEAS_A	2	3+/16-	N	In 1-8	3+/16-	2
IFO_MEAS_B	2	4+/17-	N	In 1-8	4+/17-	3
QPDB_Q1	2	5+/18-	N	In 1-8	5+/18-	4
QPDB_Q2	2	6+/19-	N	In 1-8	6+/19-	5
QPDB_Q3	2	7+/20-	N	In 1-8	7+/20-	6
QPDB_Q4	2	8+/21-	N	In 1-8	8+/21-	7
	(SUS-R2 U3)					
FBR_PWRIN_REF	3	1+/14-	N	In 21-24	1+/14-	20
FBR_PWRIN_MEAS	3	2+/15-	N	In 21-24	2+/15-	21
ISIJ HAM2	(SUS-R1 U3)					
QPDA_Q1	1	1+/14-	Y	In 25-28	1+/6-	24
QPDA_Q2	1	2+/15-	Y	In 25-28	2+/7-	25
QPDA_Q3	1	3+/16-	Y	In 29-32	3+/8-	26
QPDA_Q4	1	4+/17-	Y	In 29-32	4+/9-	27

Output Function	DAC1 CH (Count Starts at 0)	U26 DAC1 AI Port	Y-Cable at AI?	Y-Cable D9 Output Pins	Double Mixer D9 Input Pins
ISIH3 H3 Coil Drive	12	Out 13-16	Y	A 1+/6-	(n/a)
ISIH3 V3 Coil Drive	13	Out 13-16	Y	A 2+/7-	(n/a)
4096 Hz COS	14	Out 13-16	Y	B 1+/6-	1+/6-
4096 Hz SIN	15	Out 13-16	Y	B 2+/7-	2+/7-