

## DAQ NODE 1 - DSSD

Vulom - TRLO			
ECL in	signal	ECL out	signal
1	Si X trigger (MSCF)	1	Si MADC trigger
2	Si Y trigger (MSCF)	2	Si MADC trigger
3		3	
4		4	
5		5	
6		6	
7		7	Mastertrigger (MT)
8		8	Mastertrigger (MT)
9		9	
10	Si HV (via UFC)	10	
11	Si current (via UFC)	11	
12	TRAFO	12	
13	I_cool	13	
14	U_cool	14	
15	jet S1	15	
16	jet S2	16	vulom2pico [MT]
NIM in	signal	NIM out	signal
1	jetON - Trigger 11	1	
2	jetOFF - Trigger 12	2	

PicoScope	
ch in	signal
A	Si MADC gate
B	vulomECL(16) [MT]
C	Si X trigger (MSCF)
D	Si Y trigger (MSCF)
E	Si X energy
F	Si X time
G	Si Y energy
H	Si Y time

TDC	
ch in	signal
1	Si X - strip 1
2	Si X - strip 2
3	Si X - strip 3
4	Si X - strip 4
5	Si X - strip 5
6	Si X - strip 6
7	Si X - strip 7
8	Si X - strip 8
9	Si X - strip 9
10	Si X - strip 10
11	Si X - strip 11
12	Si X - strip 12
13	Si X - strip 13
14	Si X - strip 14
15	Si X - strip 15
16	Si X - strip 16
17	Si Y - strip 1
18	Si Y - strip 2
19	Si Y - strip 3
20	Si Y - strip 4
21	Si Y - strip 5
22	Si Y - strip 6
23	Si Y - strip 7
24	Si Y - strip 8
25	Si Y - strip 9
26	Si Y - strip 10
27	Si Y - strip 11
28	Si Y - strip 12
29	Si Y - strip 13
30	Si Y - strip 14
31	Si Y - strip 15
32	Si Y - strip 16

MADC	
ch_in	signal
1	Si X - strip 1
2	Si X - strip 2
3	Si X - strip 3
4	Si X - strip 4
5	Si X - strip 5
6	Si X - strip 6
7	Si X - strip 7
8	Si X - strip 8
9	Si X - strip 9
10	Si X - strip 10
11	Si X - strip 11
12	Si X - strip 12
13	Si X - strip 13
14	Si X - strip 14
15	Si X - strip 15
16	Si X - strip 16
17	Si Y - strip 1
18	Si Y - strip 2
19	Si Y - strip 3
20	Si Y - strip 4
21	Si Y - strip 5
22	Si Y - strip 6
23	Si Y - strip 7
24	Si Y - strip 8
25	Si Y - strip 9
26	Si Y - strip 10
27	Si Y - strip 11
28	Si Y - strip 12
29	Si Y - strip 13
30	Si Y - strip 14
31	Si Y - strip 15
32	Si Y - strip 16

## DAQ NODE 2 - target

Vulom - TRLO			
ECL in	signal	ECL out	signal
1	Xray 90 CFD trig.	1	Xray gate
2	Xray 35 CFD trig.	2	Xray gate
3	Xray 145 CFD trig.	3	BaF MADC trig.
4		4	BaF MADC trig.
5		5	
6		6	
7		7	Mastertrigger (MT)
8		8	Mastertrigger (MT)
9	BaF_OR (MSCF)	9	
10	Si_OR (2x MSCF)	10	
11		11	
12	TRAFO	12	
13	I_cool	13	
14	U_cool	14	
15	jet S1	15	
16	jet S2	16	vulom2pico [MT]
NIM in	signal	NIM out	signal
1	jetON - Trigger 11	1	
2	jetOFF - Trigger 12	2	

PicoScope GQ (BaF)	
ch in	signal
A	BaF MADC gate
B	BaF energy (MSCF)
C	BaF time (MSCF)
D	vulomECL(16) [MT]

PicoScope GX (Xray)	
ch in	signal
A	ECL(2) Xray gate
B	E Xray90
C	E Xray35
D	E Xray145

TDC	
ch in	signal
1	Xray 90 CFD
2	Xray 35 CFD
3	Xray 145 CFD
4	
5	
6	
7	
8	
9	BaF1 no_delay
10	BaF2 no_delay
11	BaF3 no_delay
12	BaF4 no_delay
13	BaF5 no_delay
14	BaF6 no_delay
15	
16	
17	BaF1 delay 330ns
18	BaF2 delay 330ns
19	BaF3 delay 330ns
20	BaF4 delay 330ns
21	BaF5 delay 330ns
22	BaF6 delay 330ns
23	
24	
25	BaF1 delay 660ns
26	BaF2 delay 660ns
27	BaF3 delay 660ns
28	BaF4 delay 660ns
29	BaF5 delay 660ns
30	BaF6 delay 660ns
31	
32	

MADC	
ch_in	signal
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	BaF1
22	BaF2
23	BaF3
24	BaF4
25	BaF5
26	BaF6
27	
28	
29	
30	
31	
32	

CAEN ADC	
ch_in	signal
1	Xray 90 - 6us
2	Xray 35 - 6us
3	Xray 145 - 6us
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	