Mott Cabling

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GATED SCALER S1

Control Channel	Signal
1 IN	LNE (Delayed T_Settle
2 IN	Delayed Helicity
3 IN	Pattern Sync
4 IN	GATE (nT_Settle)
5 IN	
6 IN	
7 IN	
8 IN	

S1 Chan	Signal
1	BCM0L02 (VtoF 0-10V)
2	TS1
3	Mott DetTr/ADC Gate
4	121 kHz Clock
5	
6	L1A
7	Battery
8	
9	
10	
11	
12	
13	
14	
15	
16	

S1 Chan	Signal	
17	BPM 0L01 X+	BPM 0L01
18	BPM 0L01 X-	
19	BPM 0L01 Y+	
20	BPM 0L01 Y-	
21	BPM 0L02 X+	BPM 0L02
22	BPM 0L02 X-	
23	BPM 0L02 Y+	
24	BPM 0L02 Y-	
25	BPM 5D00 X+	BPM 5D00
26	BPM 5D00 X-	
27	BPM 5D00 Y+	
28	BPM 5D00 Y-	
29	BPM 5D01 X+	BPM 5D01
30	BPM 5D01 X-	
31	BPM 5D01 Y+	
32	BPM 5D01 Y-	

SCALER S2

Control Channel	Signal
1 IN	LNE (L1A)
From 2 to 8 IN	Empty
From 1 to 4 OUT	Empty
5 OUT	Busy Scaler S2
From 6 to 8 OUT	Empty

S2 Chan	Signal
1	BCM0L02 (VtoF 0-10V)
2	TS1
3	Mott DetTr
4	121 kHz Clock
5	
6	L1A
7	Battery
8	4
9	
10	
11	
12	
13	
14	
15	
16	

S2 Chan	Signal
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	Delayed Helicity
30	T_Settle
31	nPattern Sync
32	Pair Sync

FADC

Mott

FADC Chan	Signal
1	E LEFT
2	E RIGHT
3	E UP
4	E DOWN
5	ΔE LEFT
6	ΔE RIGHT
7	ΔE UP
8	ΔE DOWN
9	BFM
10	
11	Mott DetTr
12	
13	Delayed Helicity
14	T_Settle
15	Pattern-Sync
16	Pair-Sync

FADC Int

FADC Chan	Signal
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	Battery
11	
12	
13	Delayed Helicity
14	T_Settle
15	Pattern-Sync
16	Pair-Sync

CHANNEL ASSIGNMENT

CAEN V775 TDC

TDC Channel	Signal
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

TDC Channel	Signal
17	BFM
18	Mott DerTr
19	
20	
21	
22-32	Empty