

Table of Contents

Dream TB 2014 and 2015 mapping	1
RO Mappings for TB Dec 2014.....	1
ADCs.....	1
TDC.....	3
DRS.....	4

Dream TB 2014 and 2015 mapping

RO Mappings for TB Dec 2014

ADCs

PbCableLabels

* *Mistake during cabling: from run 10650 to run 10811:

- towers 22C and 36C has been inverted in the ADCs*
- 29C empty histograms because not connected cables

| **ADC0, 1** | They were used last year to read the Pb matrix channels.

ADC0	0x0400	
Readout Channel	Tower signal	Cable Label
ADC0-00	T07-S	M1-S1
ADC0-01	T07-C	M1-C1
ADC0-02	T08-S	M1-S2
ADC0-03	T08-C	M1-C2
ADC0-04	T02-S	M1-S3
ADC0-05	T02-C	M1-C3
ADC0-06	T01-S	M1-S4
ADC0-07	T01-C	M1-C4
ADC0-08	T09-S	M2-S1
ADC0-09	T09-C	M2-C1
ADC0-10	T10-S	M2-S2
ADC0-11	T10-C	M2-C2
ADC0-12	T04-S	M2-S3
ADC0-13	T04-C	M2-C3
ADC0-14	T03-S	M2-S4
ADC0-15	T03-C	M2-C4
ADC0-16	T11-S	M3-S1
ADC0-17	T11-C	M3-C1
ADC0-18	T12-S	M3-S2
ADC0-19	T12-C	M3-C2
ADC0-20	T06-S	M3-S3
ADC0-21	T06-C	M3-C3
ADC0-22	T05-S	M3-S4
ADC0-23	T05-C	M3-C4
ADC0-24	T19-S	M4-S1
ADC0-25	T19-C	M4-C1
ADC0-26	T20-S	M4-S2
ADC0-27	T20-C	M4-C2
ADC0-28	T14-S	M4-S3
ADC0-29	T14-C	M4-C3
ADC0-30	T13-S	M4-S4
ADC0-31	T13-C	M4-C4

ADC1	0x0500	
Readout Channel	Tower signal	Cable Label
ADC1-00	T21-S	M5-S1
ADC1-01	T21-C	M5-C1
ADC1-02	T22-S	M5-S2
ADC1-03	T22-C	M5-C2
ADC1-04	T16-S	M5-S3
ADC1-05	T16-C	M5-C3
ADC1-06	T15-S	M5-S4
ADC1-07	T15-C	M5-C4
ADC1-08	T23-S	M6-S1
ADC1-09	T23-C	M6-C1
ADC1-10	T24-S	M6-S2
ADC1-11	T24-C	M6-C2
ADC1-12	T18-S	M6-S3
ADC1-13	T18-C	M6-C3
ADC1-14	T17-S	M6-S4
ADC1-15	T17-C	M6-C4
ADC1-16	T31-S	M7-S1
ADC1-17	T31-C	M7-C1
ADC1-18	T32-S	M7-S2
ADC1-19	T32-C	M7-C2
ADC1-20	T26-S	M7-S3
ADC1-21	T26-C	M7-C3
ADC1-22	T25-S	M7-S4
ADC1-23	T25-C	M7-C4
ADC1-24	T33-S	M8-S1
ADC1-25	T33-C	M8-C1
ADC1-26	T34-S	M8-S2
ADC1-27	T34-C	M8-C2
ADC1-28	T28-S	M8-S3
ADC1-29	T28-C	M8-C3
ADC1-30	T27-S	M8-S4
ADC1-31	T27-C	M8-C4

ADC2	0x0600	
Readout Channel	Tower signal	Cable Label
ADC2-00	T35-S	M9-S1
ADC2-01	T35-C	M9-C1
ADC2-02	T36-S	M9-S2
ADC2-03	T36-C	M9-C2
ADC2-04	T30-S	M9-S3
ADC2-05	T30-C	M9-C3
ADC2-06	T29-S	M9-S4
ADC2-07	T29-C	M9-C4
ADC2-16	Al_Cu S1	
ADC2-17	Al_Cu C1	
ADC2-18	Al_Cu S2	
ADC2-19	Al_Cu C2	

ADC2-20	Al_Cu S3	
ADC2-21	Al_Cu C3	
ADC2-22	Al_Cu S4	
ADC2-23	Al_Cu C4	

ADC3 Leakage		0x0700
Readout Channel	Tower signal	Cable Label
ADC3-16	Leakage1	
ADC3-17	Leakage2	
ADC3-18	Leakage3	
ADC3-19	Leakage4	
ADC3-20	Leakage5	
ADC3-21	Leakage6	
ADC3-22	Leakage7	
ADC3-23	Leakage8	
ADC3-24	Leakage9	
ADC3-25	Leakage10	
ADC3-26	Leakage11	
ADC3-27	Leakage12	
ADC3-28	Leakage13	
ADC3-29	Leakage14	
ADC3-30	Leakage15	
ADC3-31	Leakage16	

ADC4 (multigate)		0x0300
Readout Channel	Signal	
ADC4-0	Leakage17	
ADC4-1	Leakage18	
ADC4-4	Leakage19	
ADC4-3	Leakage20	
ADC4-6	CET 3 (from run 11207 2015)	
ADC4-7	CET 4 (from run 11207 2015)	
ADC4-8	IT (from run 11724)	
ADC4-9	T3-PSD	
ADC4-10	TC	
ADC4-11	mu	

TDC

TDC		used for DWC chambers
Readout Channel	Patch Panel	
TDC-0	DWC1-Left	(BC1)
TDC-1	DWC1-Right	(BC2)
TDC-2	DWC1-Up	(BC3)
TDC-3	DWC1-Down	(BC4)
TDC-4	DWC2-Left	(BC5)

TDC-5	DWC2-Right	(BC6)
TDC-6	DWC2-Up	(BC7)
TDC-7	DWC2-Down	(BC8)

DRS

DRS ch	RO Ch	Signal	Labels	DRS Ch	RO ch	Signal	Labels
0	gr0 ch0	T15 S	5 S4	18	gr2 ch0	T 23 S	6 S1
1	gr0 ch1	T15 C	5 C4	19	gr2 ch1	T23 C	6 C1
2	gr0 ch2	T21 S	5 S1	20	gr2 ch2	leak 14	N 14
3	gr0 ch3	T21 C	5 C1	21	gr2 ch3	leak 4	N 4
4	gr0 ch4	T27 S	8 S4	22	gr2 ch4	leak 5	N 5
5	gr0 ch5	T 27 C	8 C4	23	gr2 ch5	leak 6	N 6
6	gr0 ch6	leak 2	N 2	24	gr2 ch6	leak 7	N 7
7	gr0 ch7	--	---	25	gr2 ch7	--	--
8	--	trigger	trigger	26		trigger	trigger
9	gr1 ch0	leak 3	N 3	27	gr3 ch0	--	--
10	gr1 ch1	T22 S	5 S2	28	gr3 ch1	leak 15	N 15
11	gr1 ch2	T22 C	5 C2	29	gr3 ch2	T 36 S	9 S2
12	gr1 ch3	T33 S	8 S1	30	gr3 ch3	T 36 C	9 C2
13	gr1 ch4	T33 C	8 C1	31	gr3 ch4	T 29 S	9 S4
14	gr1 ch5	T34 S	8 S2	32	gr3 ch5	T 29 C	9 C4
15	gr1 ch6	T34 C	8 C2	33	gr3 ch6	leak 17	N 17
16	gr1 ch7	--	--	34	gr3 ch7	leak 20	N 20
17	trigger	trigger	--	35	trigger	trigger	trigger

-- MicheleCascella - 2014-11-27

This topic: DREAM > ROmappingDecember2014
 Topic revision: r16 - 2017-07-20 - GabriellaGaudio



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
 or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback