

Power and Signals carried on the Cable/Carrier for a 10 chip MIMOSA 5 test ladder

1. Analog power MIMOSA 1
2. Digital power MIMOSA 1
3. Analog power MIMOSA 2
4. Digital power MIMOSA 2
5. Analog power MIMOSA 3
6. Digital power MIMOSA 3
7. Analog power MIMOSA 4
8. Digital power MIMOSA 4
9. Analog power MIMOSA 5
10. Digital power MIMOSA 5
11. Analog power MIMOSA 6
12. Digital power MIMOSA 6
13. Analog power MIMOSA 7
14. Digital power MIMOSA 7
15. Analog power MIMOSA 8
16. Digital power MIMOSA 8
17. Analog power MIMOSA 9
18. Digital power MIMOSA 9
19. Analog power MIMOSA 10
20. Digital power MIMOSA 10
21. Ground : common for all detectors.
22. selmk, colmk, rowmk, rstmk ; one of these, selectable, common for all detectors.
23. vddr ; common for all detectors
24. vdmy ; common for all detectors
25. rst ; common for all detectors
26. clk ; common for all detectors
27. clkb ; common for all detectors
28. Vocm (diff driver offset voltage) ; common for all detectors.
29. detector 1 sector 1 analog diff +
30. detector 1 sector 1 analog diff -
31. detector 1 sector 2 analog diff +
32. detector 1 sector 2 analog diff -
33. detector 1 sector 3 analog diff +
34. detector 1 sector 3 analog diff -
35. detector 1 sector 4 analog diff +
36. detector 1 sector 4 analog diff -
37. detector 2 sector 1 analog diff +
38. detector 2 sector 1 analog diff -
39. detector 2 sector 2 analog diff +
40. detector 2 sector 2 analog diff -
41. detector 2 sector 3 analog diff +

42. detector 2 sector 3 analog diff -
43. detector 2 sector 4 analog diff +
44. detector 2 sector 4 analog diff -
45. detector 3 sector 1 analog diff +
46. detector 3 sector 1 analog diff -
47. detector 3 sector 2 analog diff +
48. detector 3 sector 2 analog diff -
49. detector 3 sector 3 analog diff +
50. detector 3 sector 3 analog diff -
51. detector 3 sector 4 analog diff +
52. detector 3 sector 4 analog diff -
53. detector 4 sector 1 analog diff +
54. detector 4 sector 1 analog diff -
55. detector 4 sector 2 analog diff +
56. detector 4 sector 2 analog diff -
57. detector 4 sector 3 analog diff +
58. detector 4 sector 3 analog diff -
59. detector 4 sector 4 analog diff +
60. detector 4 sector 4 analog diff -
61. detector 5 sector 1 analog diff +
62. detector 5 sector 1 analog diff -
63. detector 5 sector 2 analog diff +
64. detector 5 sector 2 analog diff -
65. detector 5 sector 3 analog diff +
66. detector 5 sector 3 analog diff -
67. detector 5 sector 4 analog diff +
68. detector 5 sector 4 analog diff -
69. detector 6 sector 1 analog diff +
70. detector 6 sector 1 analog diff -
71. detector 6 sector 2 analog diff +
72. detector 6 sector 2 analog diff -
73. detector 6 sector 3 analog diff +
74. detector 6 sector 3 analog diff -
75. detector 6 sector 4 analog diff +
76. detector 6 sector 4 analog diff -
77. detector 7 sector 1 analog diff +
78. detector 7 sector 1 analog diff -
79. detector 7 sector 2 analog diff +
80. detector 7 sector 2 analog diff -
81. detector 7 sector 3 analog diff +
82. detector 7 sector 3 analog diff -
83. detector 7 sector 4 analog diff +
84. detector 7 sector 4 analog diff -
85. detector 8 sector 1 analog diff +
86. detector 8 sector 1 analog diff -
87. detector 8 sector 2 analog diff +

88. detector 8 sector 2 analog diff -
89. detector 8 sector 3 analog diff +
90. detector 8 sector 3 analog diff -
91. detector 8 sector 4 analog diff +
92. detector 8 sector 4 analog diff -
93. detector 9 sector 1 analog diff +
94. detector 9 sector 1 analog diff -
95. detector 9 sector 2 analog diff +
96. detector 9 sector 2 analog diff -
97. detector 9 sector 3 analog diff +
98. detector 9 sector 3 analog diff -
99. detector 9 sector 4 analog diff +
100. detector 9 sector 4 analog diff -
101. detector 10 sector 1 analog diff +
102. detector 10 sector 1 analog diff -
103. detector 10 sector 2 analog diff +
104. detector 10 sector 2 analog diff -
105. detector 10 sector 3 analog diff +
106. detector 10 sector 3 analog diff -
107. detector 10 sector 4 analog diff +
108. detector 10 sector 4 analog diff -
- 109.