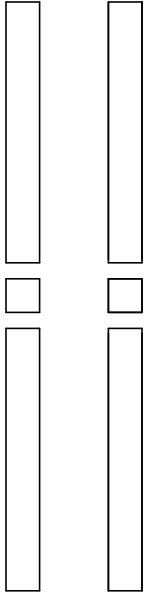


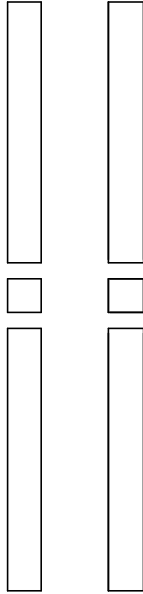
11



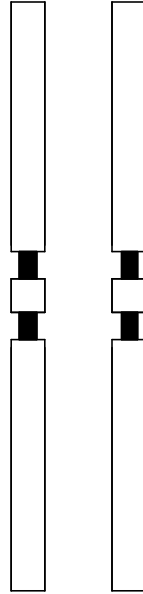
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12



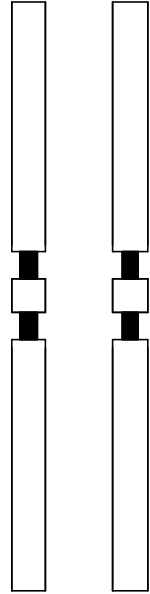
21



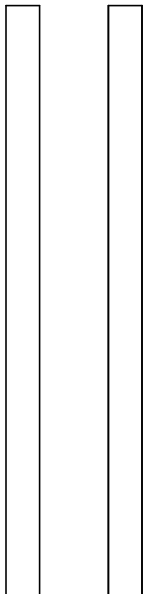
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22



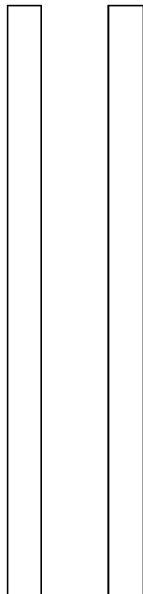
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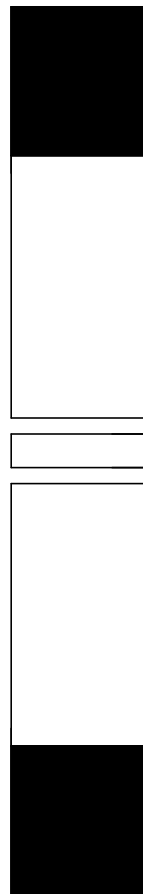
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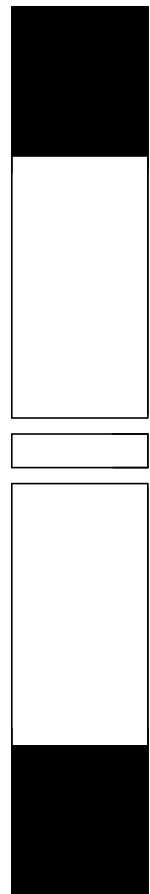
32



41



42



04



CS-18 Calibration Substrate Key

(Table 1)

(all structures for GSG probes with 1250 to 2500 micrometer pitch)

Location #	Description	Coordinates (X,Y in micrometers)
01	Home 01	(0, 0)
11	open pads (pair)	(-1700, 0) from 01
12	open pads (pair)	(1700, 0) from 01
02	Home 02	(6800, 0) from 01
21	50 ohm loads (pair)	(-1700, 0) from 02
22	50 ohm loads (pair)	(1700, 0) from 02
03	Home 03	(0, 8000) from 01
31	shorting bar (pair)	(-1700, 0) from 03
32	shorting bar (pair)	(1700, 0) from 03
04	Home 04	(6800, 8000) from 01
41	1200 micrometer 50 ohm coplanar line	(-1700, 0) from 04
42	1200 micrometer 50 ohm coplanar line	(1700, 0) from 04

All structures are separated by (X=1700 micrometers).