The 'B' signals are for in between pairs.

**ENOUT VOLTAGE DIVIDER CIRCUIT FOR LVDS INPUT. COMMON TO ALL SCA'S**

Stuff EITHER R26 or R27, NOT BOTH!

FILTER CAPS FOR AD8011 AND V5PAADC - NEXT PAGE
The 'B' signals are for in between pairs.

Generally, one filter CAP per power pin, one TANT per chip.

"V5PDADC"

"V5PAADC"

Watch placement of ADCCLK termination!

"V5PAADC"
Put the op-amps near the branch point of the traces!
Group G2 (and GA1)

Stuff EITHER R26 or R27, NOT BOTH!
The 'B' signals are for in between pairs.
Put the op-amps near the branch point of the traces!
The 'B' signals are for in between pairs.

Stuff EITHER R26 or R27, NOT BOTH!

Group G3 (and GA2)
Consider SMT/Resettable fuses in the future...

The 'B' signals are for in between pairs.

Watch placement of ADCCLK termination!

Generally, one filter CAP per power pin, one TANT per chip.
Put the op-amps near the branch point of the traces!
The 'B' signals are for in between pairs.

SCA ONE 0.1UF AND 0.001UF PER POWER PIN

Stuff EITHER R26 or R27, NOT BOTH!
Consider SMT/Resettable fuses in the future...

The 'B' signals are for in between pairs.
Put the op-amps near the branch point of the traces!
Free CAP nos:
Norm: 185-
Spec G: 110-
Free RES nos:
Norm: 87-91,97-
Spec G: 41-
Free UNIT nos:
Norm: 47-
Spec G: 19-
Free JUMPER nos:
Norm: 31-
Spec G: 8-

CALIBRATION CAP ADDED TO EACH CHANNEL

One filter CAP per power pin, one TANT per chip.

THE OHIO STATE UNIVERSITY
PHYSICS DEPARTMENT ELECTRONICS LAB
174 WEST 18TH AVE, COLUMBUS OH 43210

Buckeye Chip
Cathode Front End Card
CMS CSC Electronics
The 'B' signals are for in between pairs.

Stuff EITHER R26 or R27, NOT BOTH!

The cathode front end card uses AD8011 and V5PAADC - NEXT PAGE.

SCA ONE 0.1UF AND 0.001UF PER POWER PIN

FILTER CAPS FOR AD8011 AND V5PAADC - NEXT PAGE

Group G5 (and GA3)
The 'B' signals are for in between pairs.

Generally, one filter CAP per power pin, one TANT per chip.

Watch placement of ADCCLK termination!
Put the op-amps near the branch point of the traces!
Free CAP nos:
Norm: 185-
Spec G: 110-
Free RES nos:
Norm: 87-91,97-
Spec G: 41-
Free UNIT nos:
Norm: 47-
Spec G: 19-
Free JUMPER nos:
Norm: 31-
Spec G: 8-

One filter CAP per power pin, one TANT per chip.
SCA4A

The 'B' signals are for in between pairs.

Stuff EITHER R26 or R27, NOT BOTH!
Generally, one filter CAP per power pin, one TANT per chip.
Put the op-amps near the branch point of the traces!