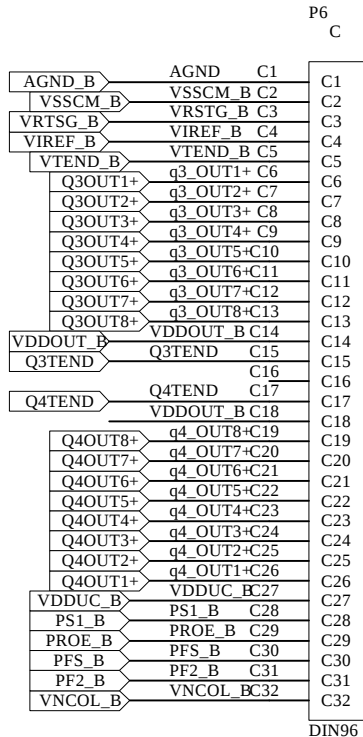
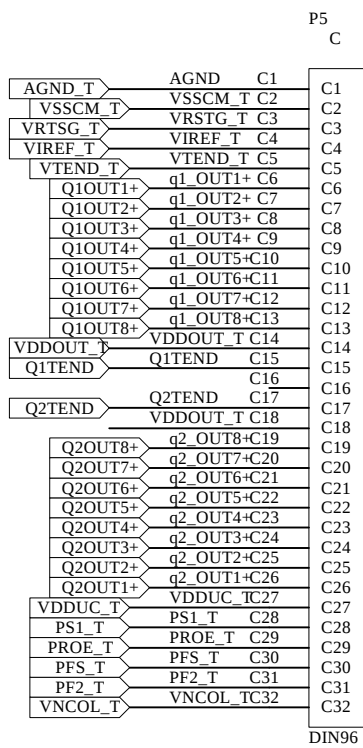
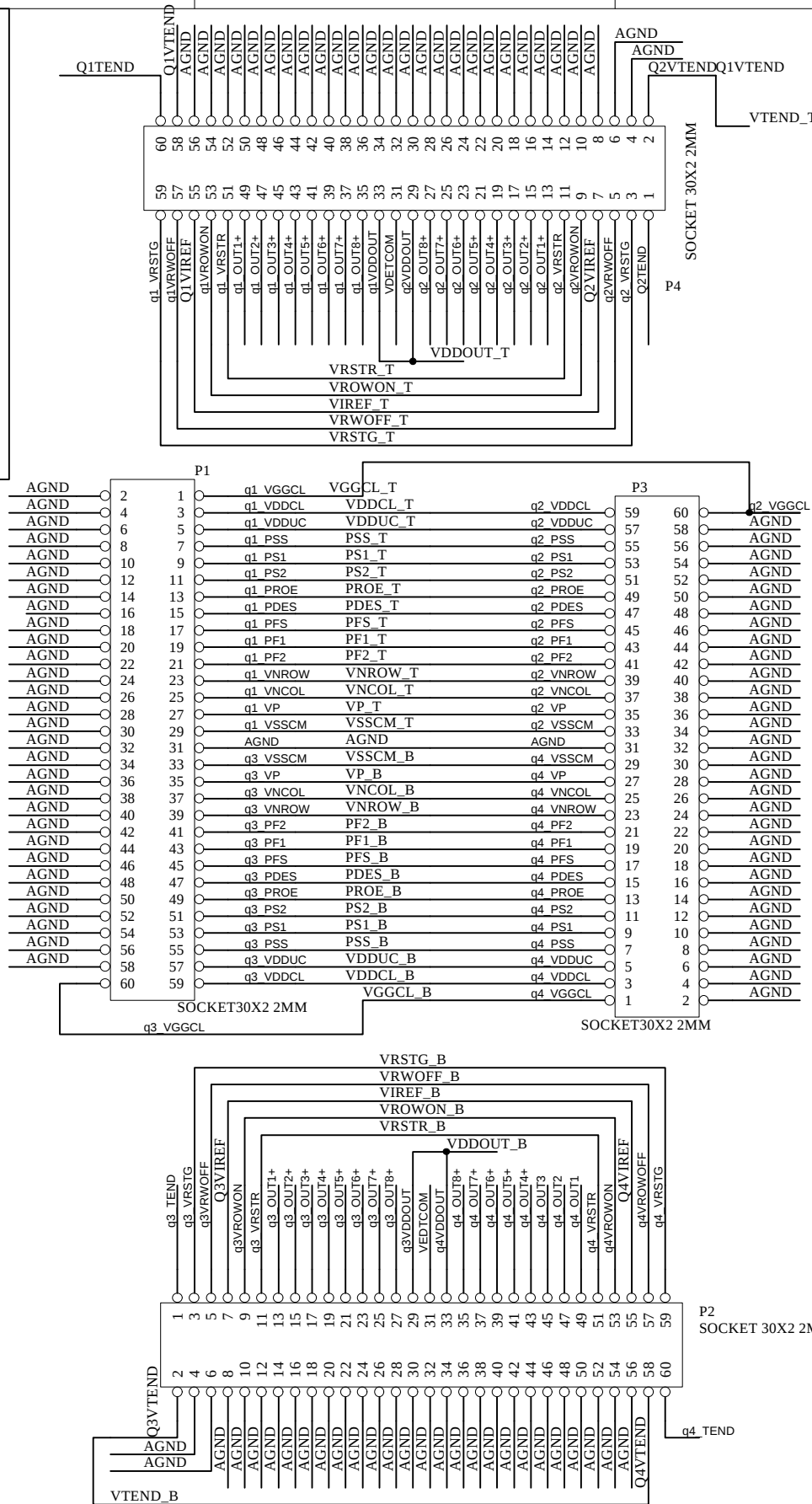
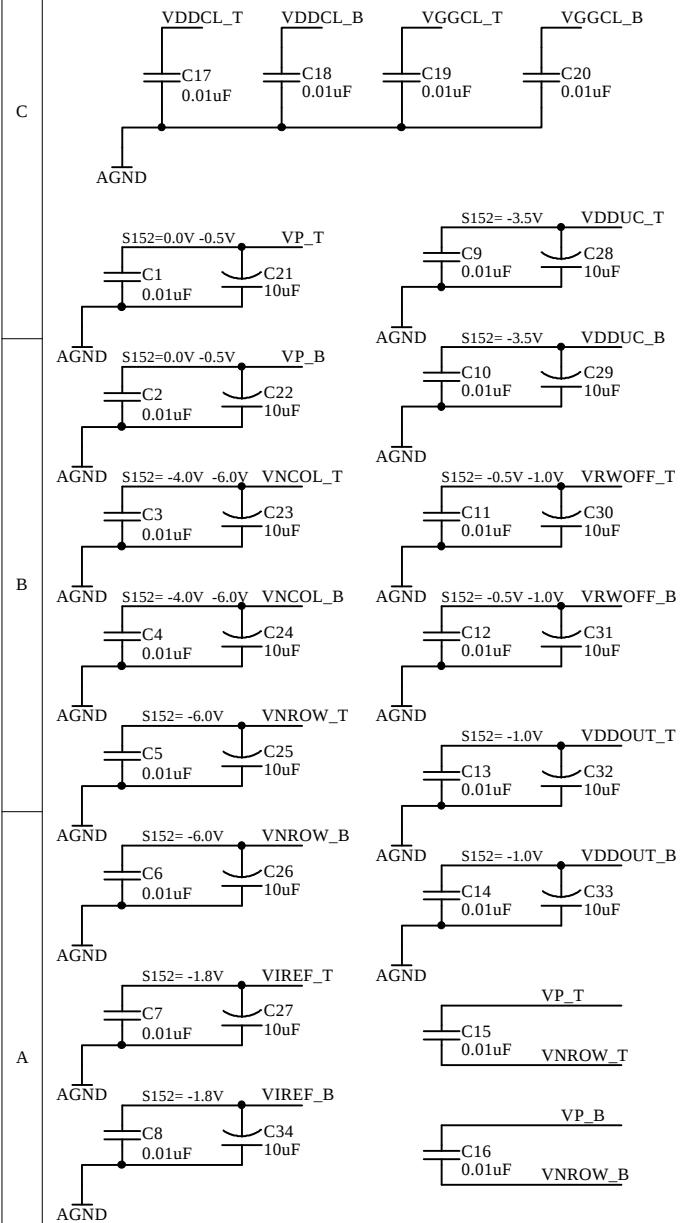


- PCB Layout instructions:
- This board mates with the 2mm headers of the FANOUT1 board.
 - PCB dimensions = 3.75" x 3.75 " square board.
 - Round PCB corners .125 inch radius.
 - Place square cutout (keepout area) 1.5" x 1.5" at center.
 - Round corners .125 inch radius.
 - Place 60 pin, 2mm sockets to align with FANOUT1 board locations- Layer 1.
 - Make PCB 4 or more layers.
 - Stackup:
 - component outer side layer 1 (noisy clock signals, filtered biases, 2mm sockets).
 - layer 2 = ground plane = AGND
 - layer 3 = signal layer (quiet signals = XX_OUTXX, filtered biases).
 - layer 4 = ground plane = AGND and DIN 41612 connectors.
 - Signal routing: try not to use vias except to connect to filter components.
 - layer 1 => route signals from P1 and P3
 - layer 3 => route signals from P2 and P4
 - P5 and P6 will be DIN 41612 type R Male connector (96 pin male straight conn) normally, Type C for right angle connection.
 - IMPORTANT: Type R has reversed CBA column order (C is closest to board edge), Type C is VME standard ABC (from board edge) order.
 - Layout board with Type C pin assignments and connector pin order. Schematic shows Type C pinout/orientation. Since the type R connector will be mounted on the bottom (LAYER 4) the column (C -A) swap should be OK.
 - ADD silkscreen info " TYPE C=A1,R=C1" for first pin designation.
 - ADD mounting holes for type R connectors.
 - DIN 41612 connectors mount on layer 4 NOT layer 1.
 - Solder mask/ silk screen ONLY the COMPONENT SIDE.



NOTE: COLUMN A IS CLOSEST TO THE BOARD EDGE.

Title1024x1024 InSb array Configuration Board (2 halves)			
SizeB	NumberNOT BACK ANNOTATED	Revisionproto	
Date:23-Jan-1997	Sheet 1of		
File:O:\PROTEL\...CONFIG1.SCH	Drawn By: PETER ONAKA		