

SBS meeting
VETROC board presentation

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VETROC board

- Developed for Compton
- 64 input + 8 input and 8 output
- Extension with mezzanine to 128 channels (compatible with V1495 mezzanines)
- Optical link
- VXS link for triggering purpose
- Will try to develop high resolution TDC (possibly 10 ps resolution)
- Estimate price around 2.5 K\$

Board layout

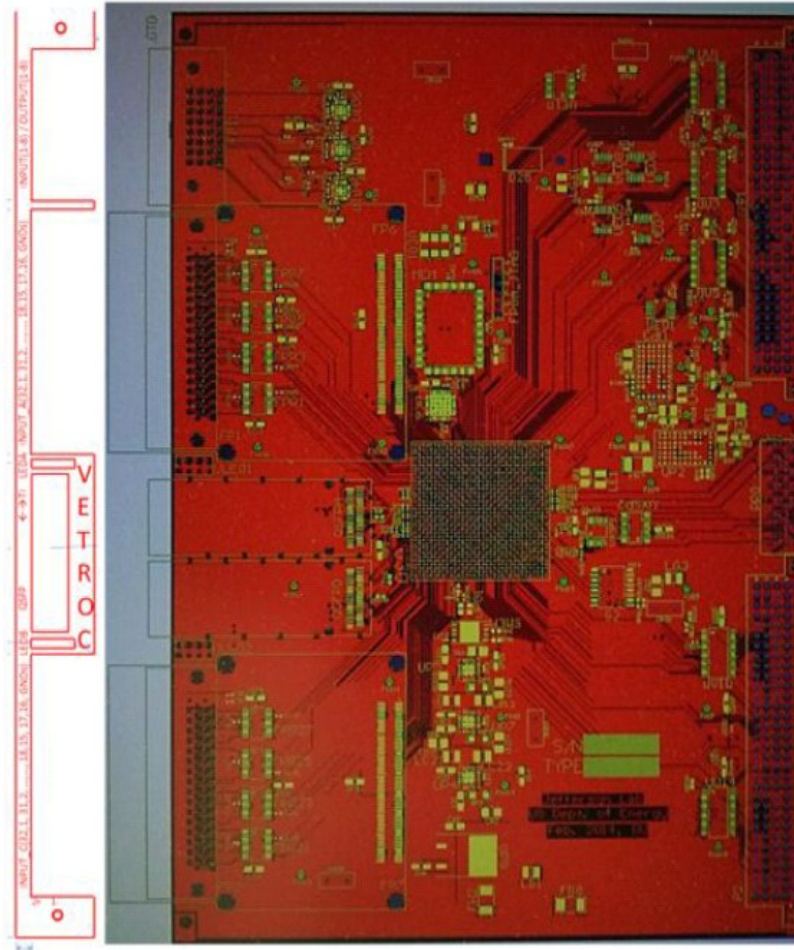
PCB drawing

General IO
8 in, 8 out

32 Digital
Anylevel IN
32 mezz. IO

To TI or
from TD
Fiber IO
4 x 3Gbps

32 Digital
Anylevel IN
32 mezz. IO



VME64x

VXS
4 x 3Gbps to SWA
(CTP)
Trg/Clk/Sync from
SWB (SD)

56 + 24 IO
2 x 3Gbps serial links