

Omega

(Very fast) SKIROC2 Overview

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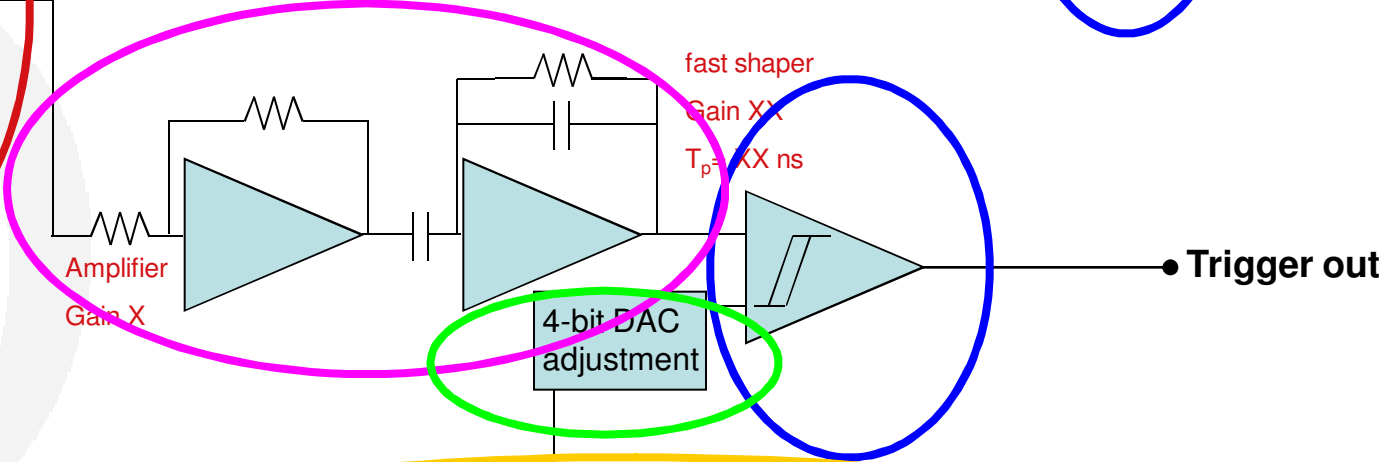
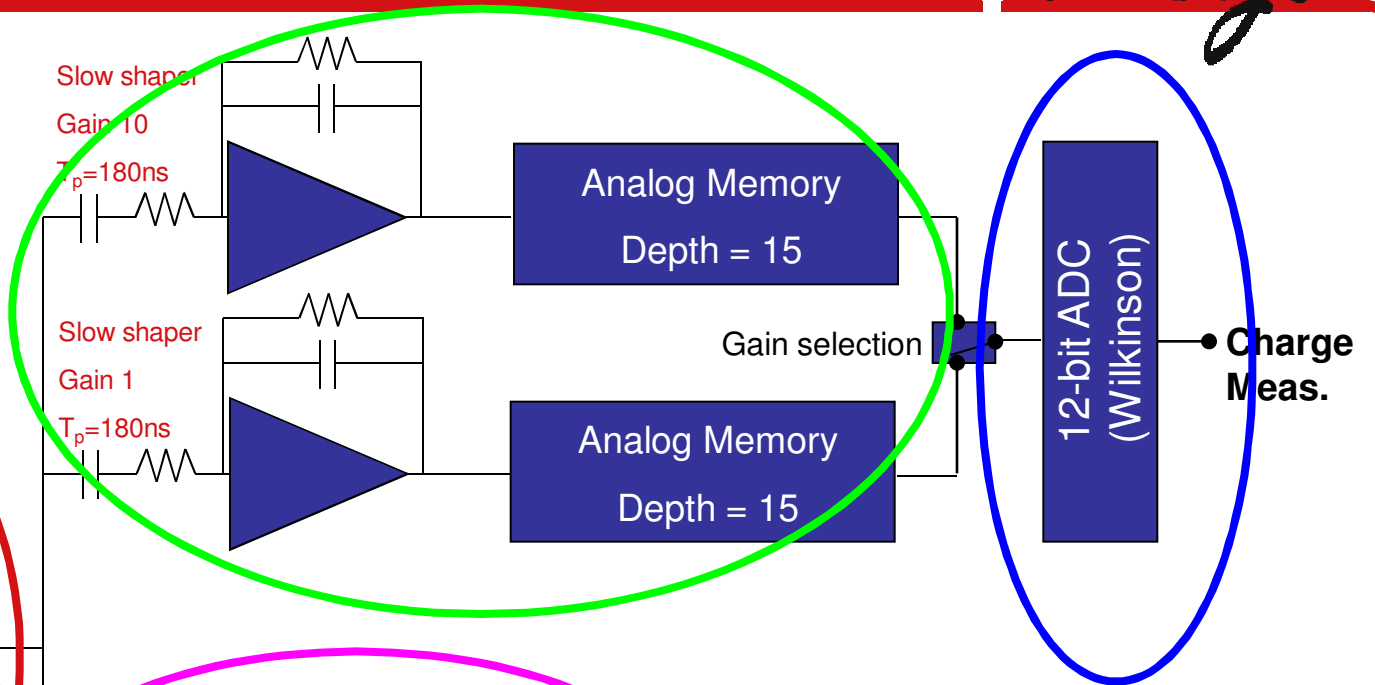
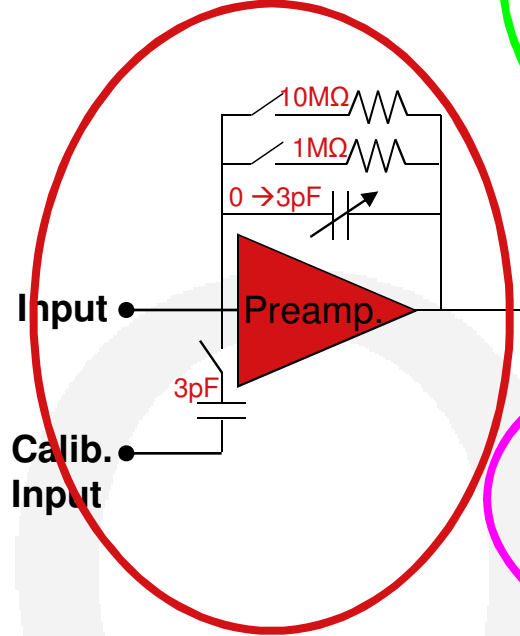
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Orsay MicroElectronics Group Associated

SKIROC2 One channel block scheme



- SPIROC
- SKIROC
- HARDROC
- PARISROC



● Still under study ...

10-bit dual DAC – common to 36 channels

- 64 Channels
- Dynamic Range :
 - from $\frac{1}{2}$ MIP up to 2500 MIP
- ADC Discriminator from Parisroc
 - better performance
- New Digital Part :
 - new layout (easier interconnections with analogue part)
 - minor modifications concerning some timings (allowing more latency to analogue signal)

- Engineering run, we should have 1250 sample
- Then, SPIROC2 will be integrated in FEV8 boards
- We still have lot of work to do ...

