

Filter

21 channels
12 w. neighbors
12

Hit detection

sum of 3 channels > const.

19 center ch.
positions

Hit selection

select up to 4 Hits

4 Hits
each 3 ch.

position reconstr.

COG and corr. via LUT

update

4 of 19 regs

Register file

fit params for lin. regression

64 4 dedicated
64 fit parameter

Preprocessor

Configuration

CPU's register files

global bus