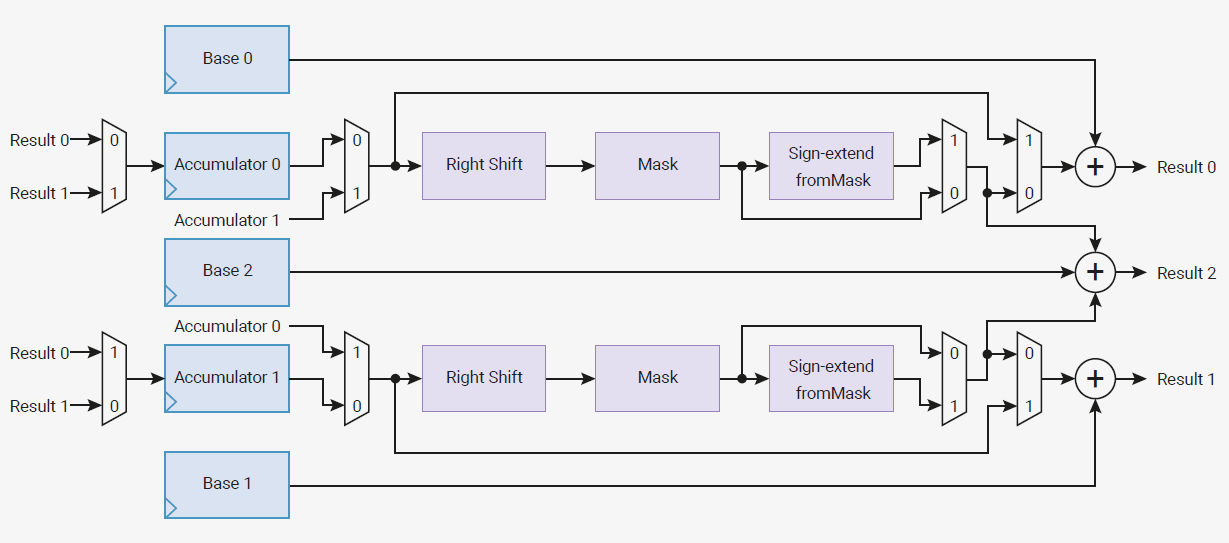
Raspberry Pi Pico Interpolator Block Diagram



set\_cross\_input(bool cross\_input)

set\_cross\_result(bool cross\_result)

set\_add\_raw(bool add\_raw)

set\_signed(bool \_signed)

set\_shift(uint shift)

set\_mask(uint mask\_lsb, uint mask\_msb)

base[0]

accum[0]

add\_raw[1] (read)

add\_raw[0] (read)

base[2]

accum[1]

base[1]

peek[0] or pop[0]

peek[1] or pop[1]

peek[2] or pop[2]

add\_raw[1] (write)

add\_raw[0] (write)

+

base01

+

lower 16bits

upper 16bits