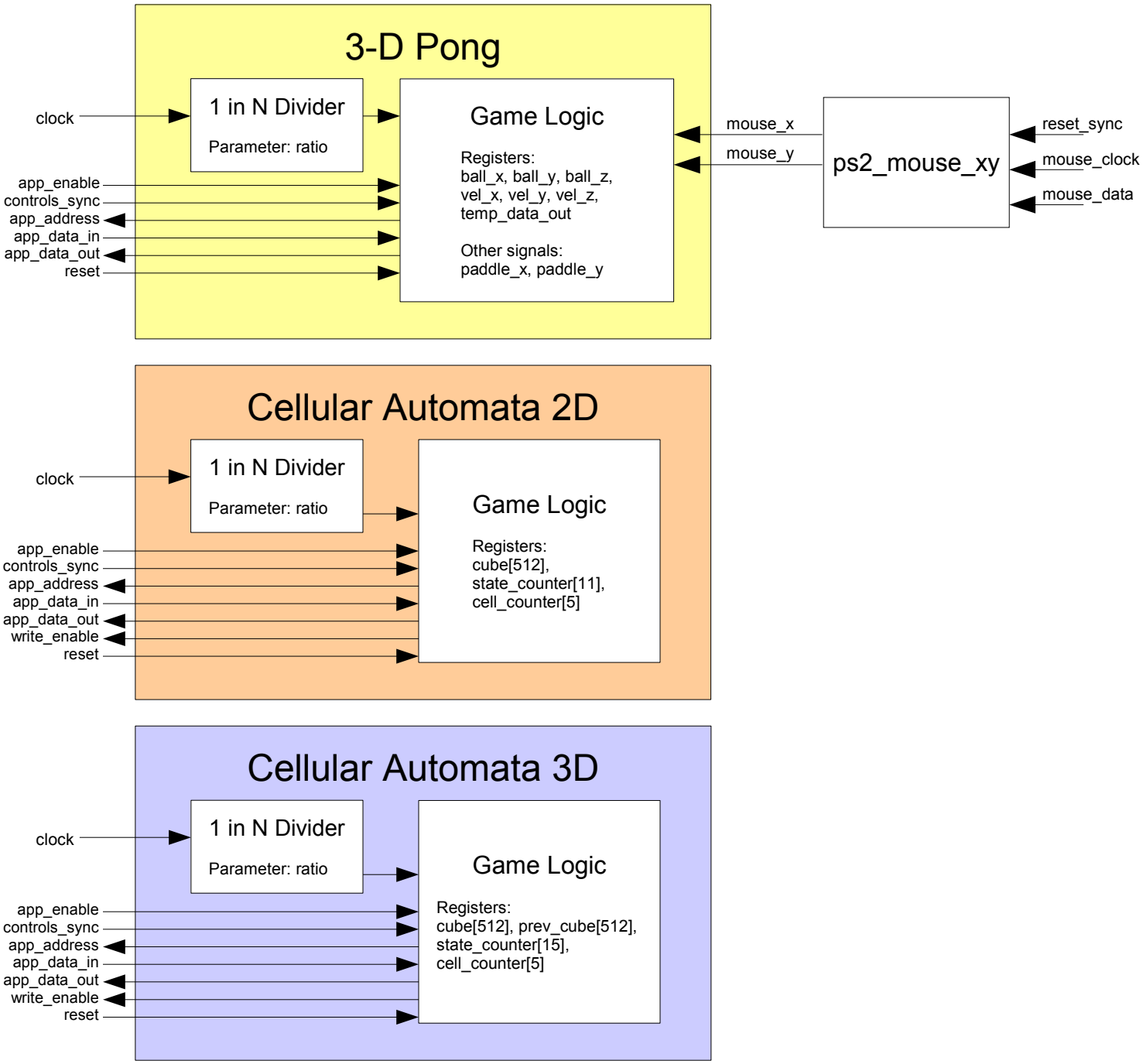
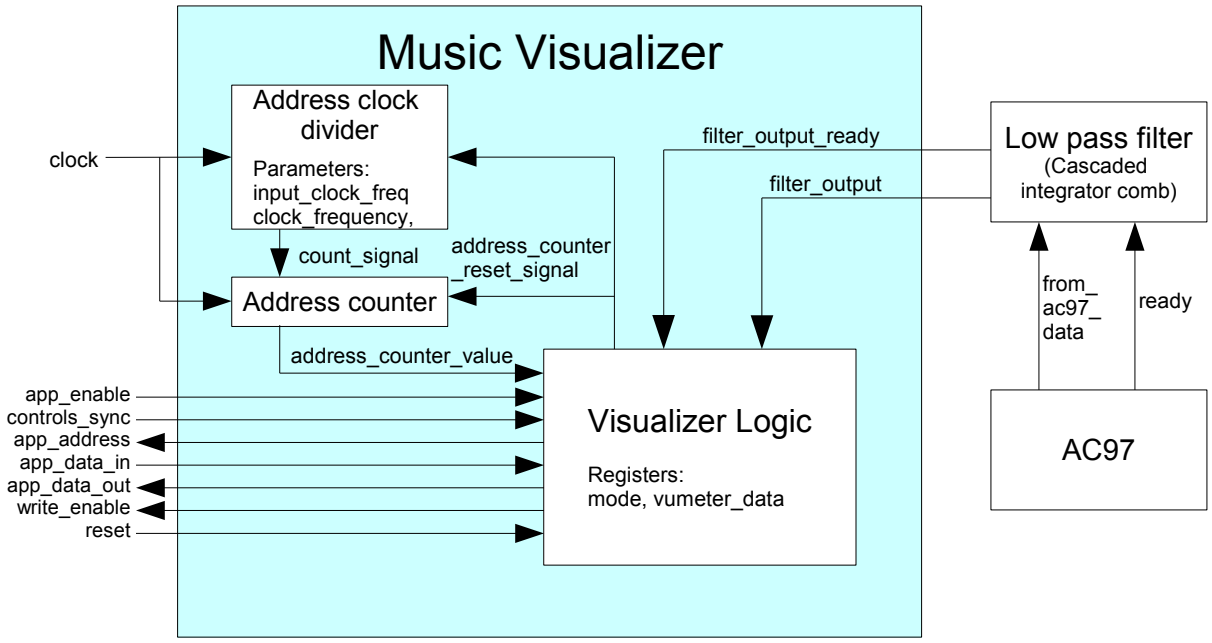
Application block diagrams




Music Visualizer
Address clock divider
Parameters:
input_clock_freq
clock_frequency,
clock
count_signal
address_counter
_reset_signal
Address counter
address_counter_value
filter_output_ready
filter_output
Low pass filter
(Cascaded
integrator comb)
from_
ac97_
data
ready
AC97
app_enable
controls_sync
app_address
app_data_in
app_data_out
write_enable
reset
Visualizer Logic
Registers:
mode, vumeter_data