

- clk
- arduino_22
- arduino_24
- arduino_26
- arduino_28
- clk
- i2s_master
- Waveform Gen
 - clk
 - reset
- phase_inc[31:0]
- sin_out[11:0]
 - [11]
 - [10]
 - [9]
 - [8]
 - [7]
 - [6]
 - [5]
 - [4]
 - [3]
 - [2]
 - [1]
 - [0]
- cos_out[11:0]
- squ_out[11:0]
- saw_out[11:0]
- phase_acc[31:0]
- lut_addr[11:0]
- lut_addr_reg[11:0]
- sin_out_reg[11:0]

