

# ZPUino Soft Processor - Papilio Pro - Vanilla - v2.0

Author: Alvaro Lopes  
alvie.com/zpuino

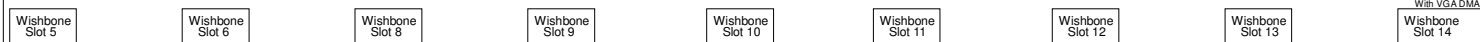
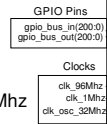
8MB of Program Code Space  
(code runs out of SDRAM)

Visit [Papilio.cc](http://Papilio.cc) for Documentation

Free Resources  
21 Block RAM (BRAM)  
66% of Slices  
1 PLL (clock)  
2 DCM (clock)

Used Resources:  
11 of 32 Block RAM (BRAM)  
34% of available Slices  
1 of 2 PLL (clock)  
0 of 2 DCM (clock)

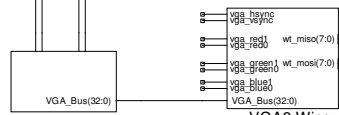
System Clock runs at 96Mhz



COMM\_zpuino\_wb\_I2C  
For the Wii Chuck



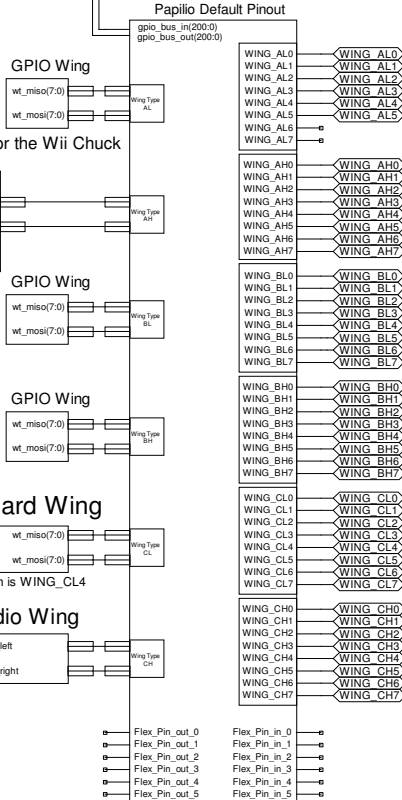
ZPUino VGA Adapter



GPIO Wing



AL used For the Wii Chuck



SD Card Wing



Audio Wing



AUDIO\_zpuino\_sa\_audiomixer

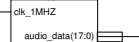
SPI



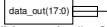
Splitter2



C64 SID Audio Chip



YM2149 Audio Chip



Audio Passthrough

