Abram Fouts

Homework 3

ECE 373 - Spring 2020

May 1, 2020

* 1. Realtek ALC888
  2. Super IO Winbond W83627DHG
  3. Two, LAN1\_USB12 (AIMB-212ís Intel 82567V) LAN2\_USB34 (AIMB-212ís Intel 82583V)
  4. 6 serial ports, 2 SATA so a total of 8 ports

1. .
   1. Pins 30, 31, 33
   2. Offset 0x00000 / 0x00004
   3. Bit 26 in the Device Control Reigster
2. .
   1. LED Control (LEDCTL) 0x00E00
   2. Write a 1111 to bits 11:8 to turn off LED1 , 0xXXXXXFXX
   3. Write a 1 to bit 23 to enable LED2\_BLINK
3. .
   1. Nuvoton / Winbond
   2. Yes, <https://www.nuvoton.com/resource-files/DA00-WW83627DHG-P.pdf>
   3. Personally, I would search the part number on mouser or digikey because these providers usually have a link to the datasheet. Or search the company’s website.