

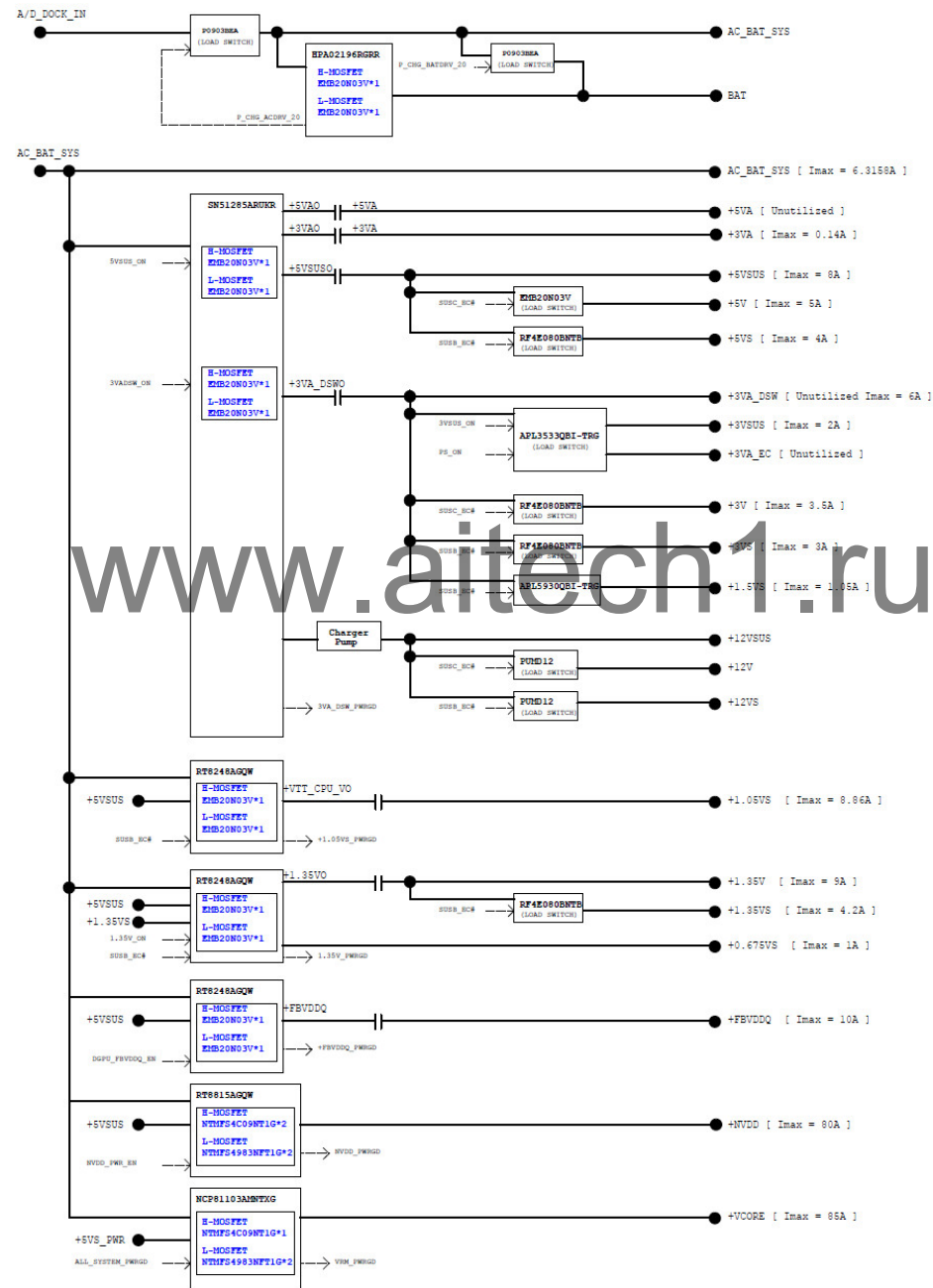
The diagram illustrates the system architecture of the Intel Atom Z8700. The central CPU (Haswell Quad & Dual Core) is connected to various components via different interfaces:

- Storage:** Nvidia N15P-GT (VRAM GDDR3 2GB) connected via PCIE x16. HDD-0, mSSD, and ODD are connected via SATA3.
- Memory:** DDR3L SO-DIMM X2 connected via DDR3 1333/1600MHz.
- Display:** LED Panel, DisplayPort, and HDMI connected via eDP, DDIB, and DDIC respectively.
- Networking:** GigaLAN Card Reader (RTL8411BN) and MiniCard (WiFi / WiMax or Bluetooth) connected via PCIE x1.
- Audio:** Azalia Codec (Realtek ALC668) connected via Azalia. INT. DMIC, HP/Ext MIC, and Woofer are also connected.
- Other:** Debug Conn., EC (ITE IT8517), SPI ROM, Touchpad, and Keyboard are connected via LPC. USB 3.0 Combo ports are connected via USB 3.0 and USB 2.0.

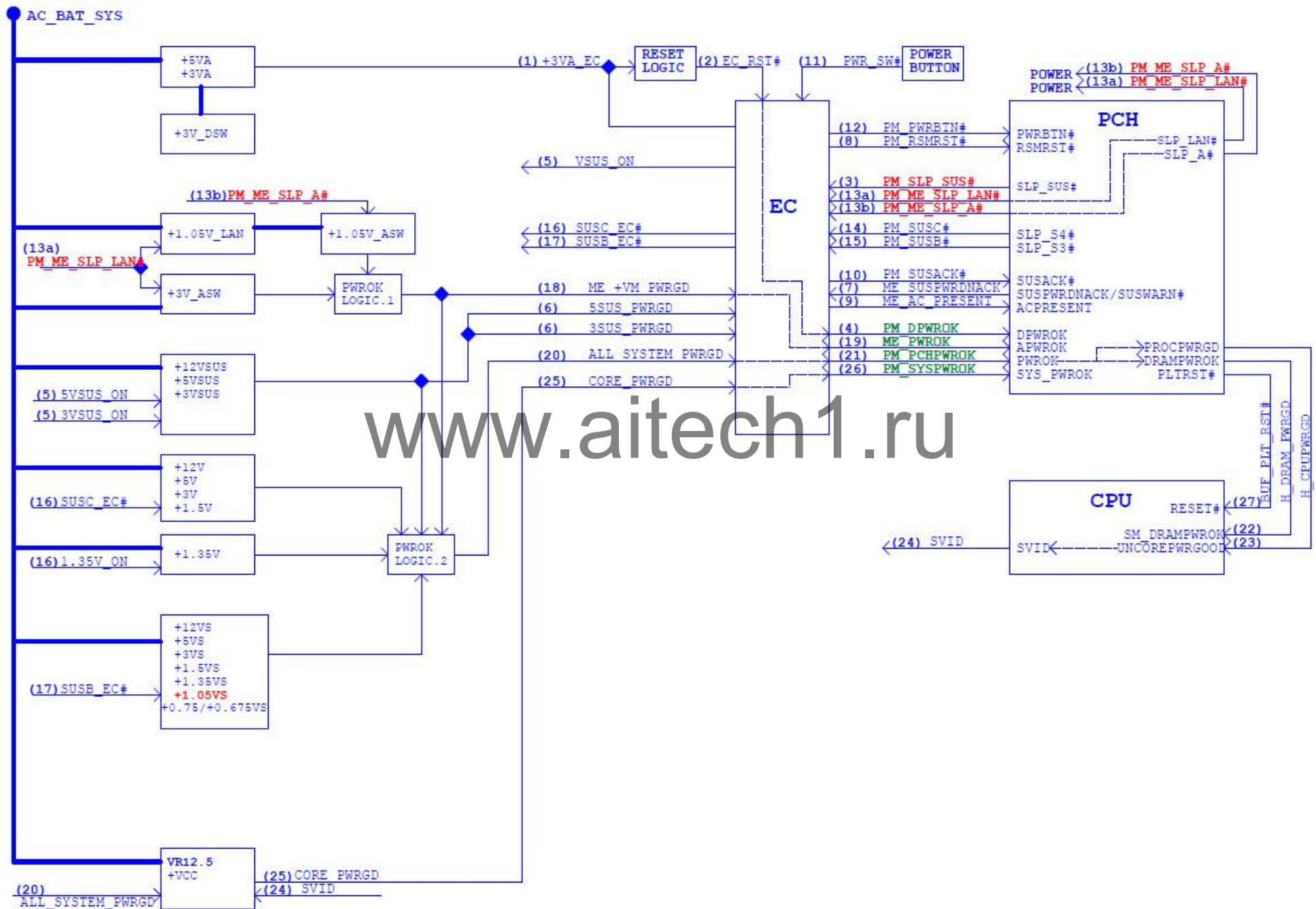
Power Section:

- VCORE (Page 80)
- System (Page 81)
- +1.05VS (Page 82)
- +1.35V(DDR3L) (Page 83)
- +1.5V(PCH) (Page 84)
- +NVDD (Page 85)
- +1.8V/+1.2V (iSSD)

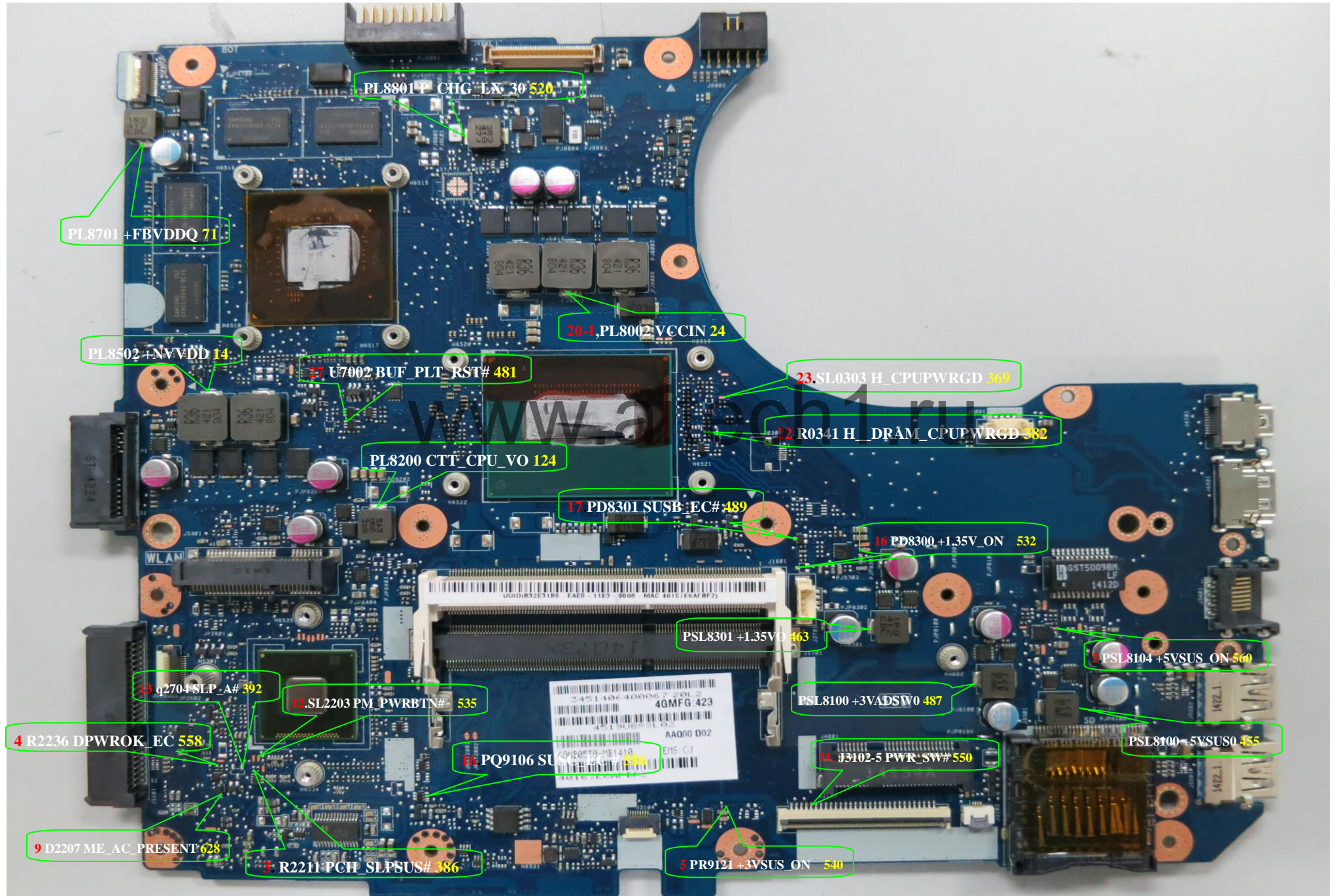
POWER FLOW



POWER ON SEQUENCE



Signal Measure Point-Bottom



Signal Measure Point-Top

