(1) Options
- Damping resistor.
  a. Apply Damping resistors. (In our case, 33ohm was best for EMI reduction.)
  b. Do not place power jack nearby R2-A5 connector.
  c. Use equal length differential HDI (High Density Interface) signal traces.
  d. Use stable power source.
  e. Use high quality CAT5e.
  f. Use ferrite bead between digital VDD and analog VDD.
  (Impedance of between 100 and 200 ohms at 100MHz is adequate.)