Circuit Description

1. U1-AM2G2940 is master controller of the motherboard as AMD north bridge part, the Y4 is generated the 25MHz clock signal to it via south bridge IC, the north bridge IC with external SDRAM memory. Its main function is to processing data and CPU signal, for example hard disk data, SDRAM data, CD ROM data, and VGA display signal and so on.

2. U14-SB700 is the second master controller of the motherboard too, and as AMD south bridge part, its main function is to processing external computer device via PCI connector, for example the network PCI card, 1394 PCI card, sound card and so on.

3. U8-RS780 is responsible for all kind of computer interface and power management or other relevant circuit, and the total of six parts are hyper transport CPU, SBD_MEM/DVO_I/F, PCIE I/F GFX, power, clocks PLL PWR, CRT/TV out, ground.