

# RS740/780+SB700 DESIGN

**Clock Generator**  
**RTM880N-790 CLK**  
**30**  
 PROVIDE CPU, CHIPSET AND I/O CLOCK

**AMD AM2  
 AMD AM2+ CPU**  
 940 PIN SOCKET  
 2,3,4,5

DDRII 400,533,667,800  
 128bit  
 DDRII 400,533,667,800

**DDRII CHANNEL A  
 SO-DIMM SLOT**  
**6**

**DDRII CHANNEL B  
 SO-DIMM SLOT**  
**7**

HyperTransport Link OUT  
 16x16

**AMD NB  
 DESKTOP RS740/780**  
 HyperTransport LINK0 CPU I/F  
 INTEGRATED GRAPHICS  
 1 16X PCIE VIDEO I/F  
 1 6X PCIE I/F  
 1 4X A-Link I/F WITH SB  
 8,9,10,11,12

**VGA,DVI,HDMI CONNECTOR**  
**19**

**PCIE 4X SLOT**  
**18**

**M88E8056 LAN**  
**21**

**USB[0:9] CONNECTOR**  
**25**

**SPI ROM**  
**15**

**BOOTSTRAPS  
 (SB)**  
**17**

**AMD SB  
 DESKTOP SB700**  
 USB2.0  
 SATA II  
 AZALIA  
 ATA 66/100/133  
 ACPI  
 LPC I/F  
 INT RTC  
 HW MONITOR  
 13,14,15,16,17

USB 2.0  
 HD AUDIO I/F

**AZILIA CODEC MODEL**  
**23**

SATA II I/F

**SATA[1:5] CONNECTOR**  
**15**

ATA 66/100/133 I/F

**IDE CONNECTOR**  
**22**

Oscillator 25MHz

LPC BUS

**DESKTOP AM2  
 AM2+ POWER**  
**27**

**RS740/RS780  
 CORE & PCIE  
 POWER**  
**28**

**DDR MEMORY  
 POWER**  
**28**

**LPC SIO W83627DHG MODEL**  
**24**

**HW  
 MONITOR**

**PS2 KB  
 CONNECTOR**

<b>J&amp;W</b>		
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