

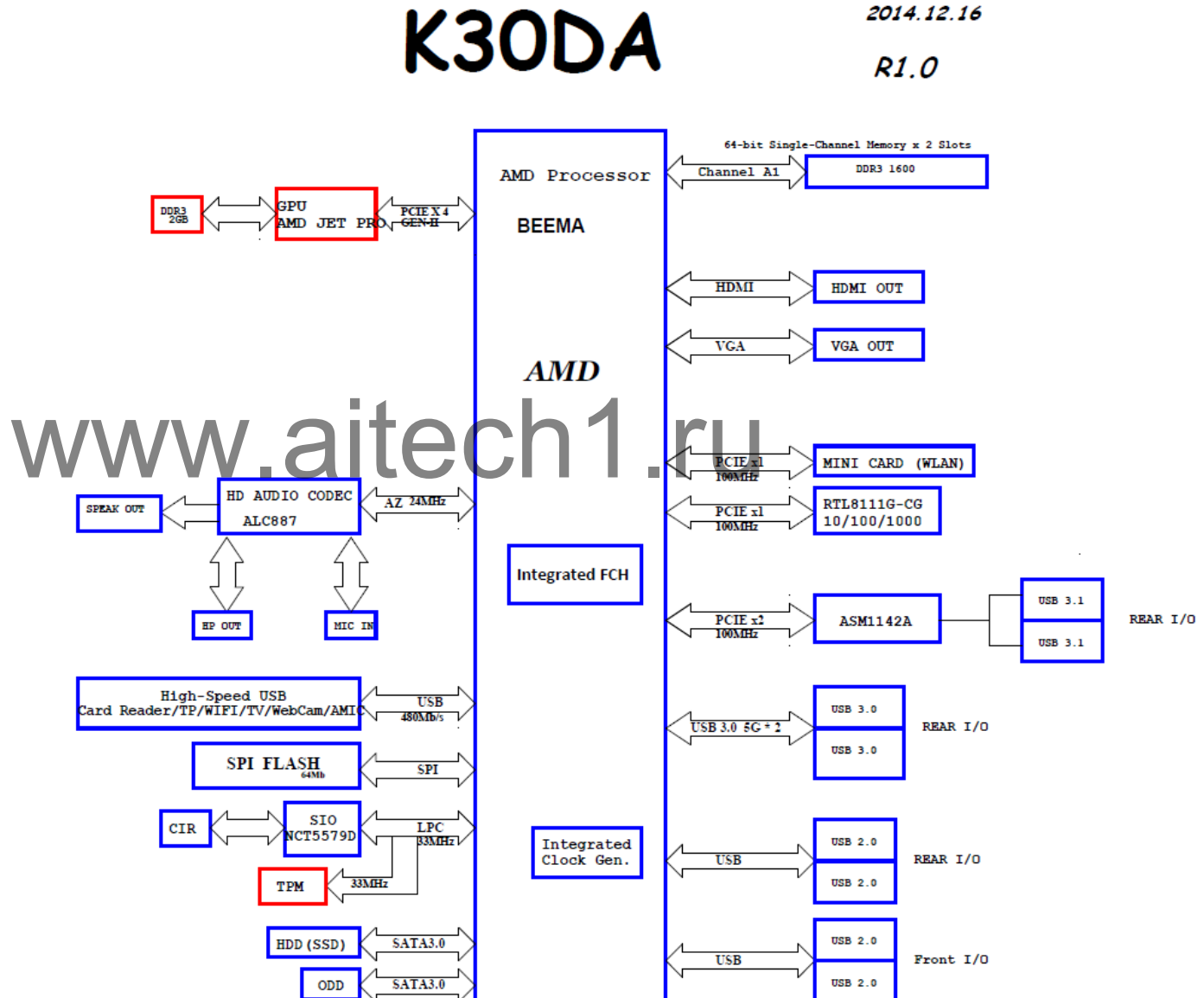
## BLOCK DIAGRAM

Page Title

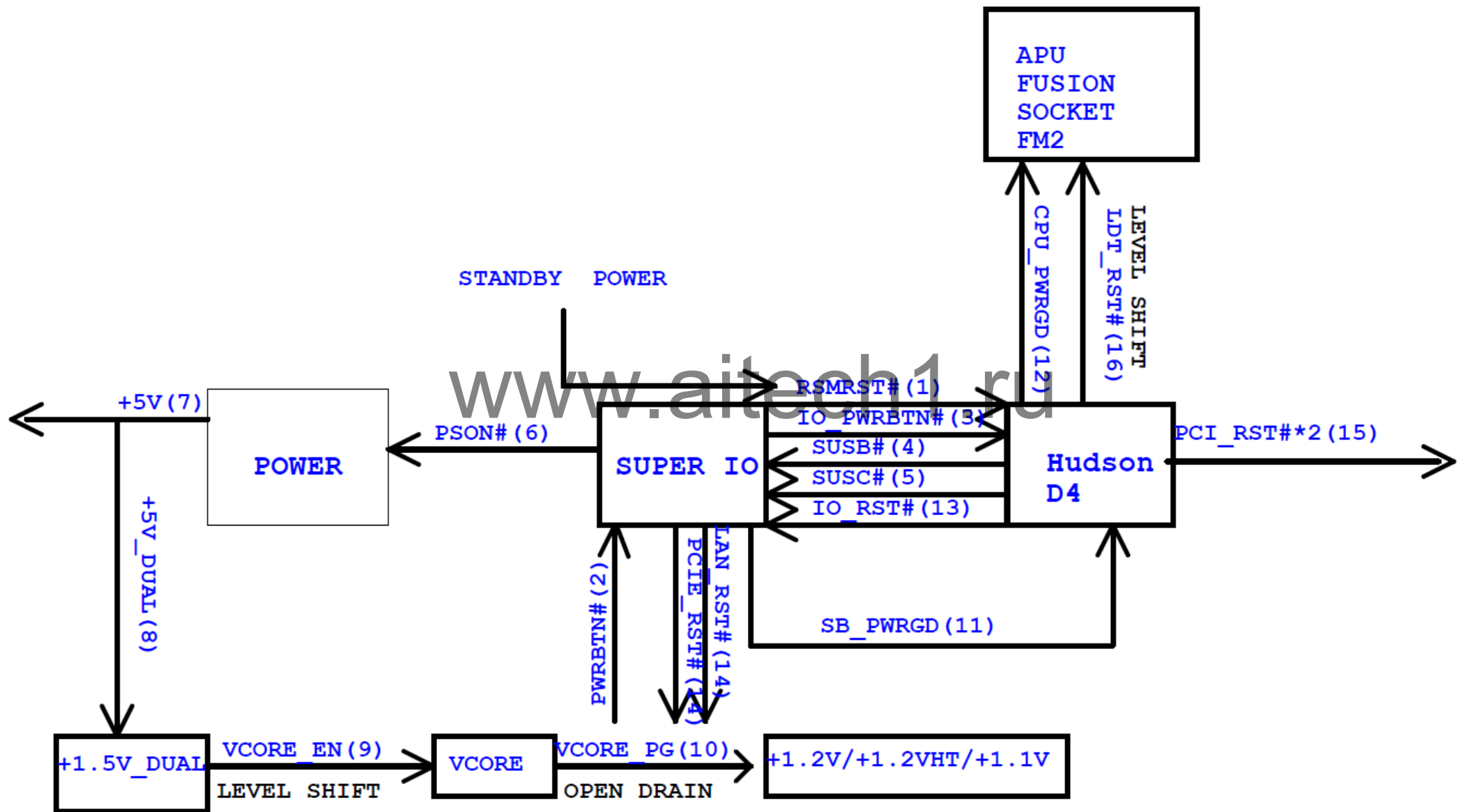
01	**BLOCK DIAGRAM(GPU)
02	**
03	**CLOCK DISTRIBUTION
04	**SIGNAL & RESET MAP
05~11	APU
12~14	DDR3
15	RSMRST#
16	WLAN+BT4.0 Slot
17	TV Slot
18	GLAN
19	LAN Jack
20	TPM
21	ASM1042A(U3)
22	USB3.0 PORT(SIDE)
23	USB2.0 & USB3.0 CONN(REAR)
24	Touch Panel CONN
25	WeCam CONN & MIC
26	CARD READER
27	Audio
28	Head Phone and Speaker Jack
29	SIO
30	FAN CONN
31	SPI/LPC Debug Port
32	HDMI out CONN
33	eDP 2 LVDS(CH7511)
34	LVDS CONN
35	Panel CONN
36	SATA CONN
37~50	POWER
51	EMI
52	Screw Hole
53~56	GPU
57	FUNCTION BOARD
58	SIS-Touch
59	History

FCH	
USB0	MINI CARD (WLAN)
USB1	
USB2	USB 2.0 (Rear)
USB3	USB 2.0 (Rear)
USB4	USB 2.0 (Front)
USB5	USB 2.0 (Front)
USB6	CARD READER
USB7	AMIC
USB8	USB 3.1 (Rear)
USB9	USB 3.1 (Rear)

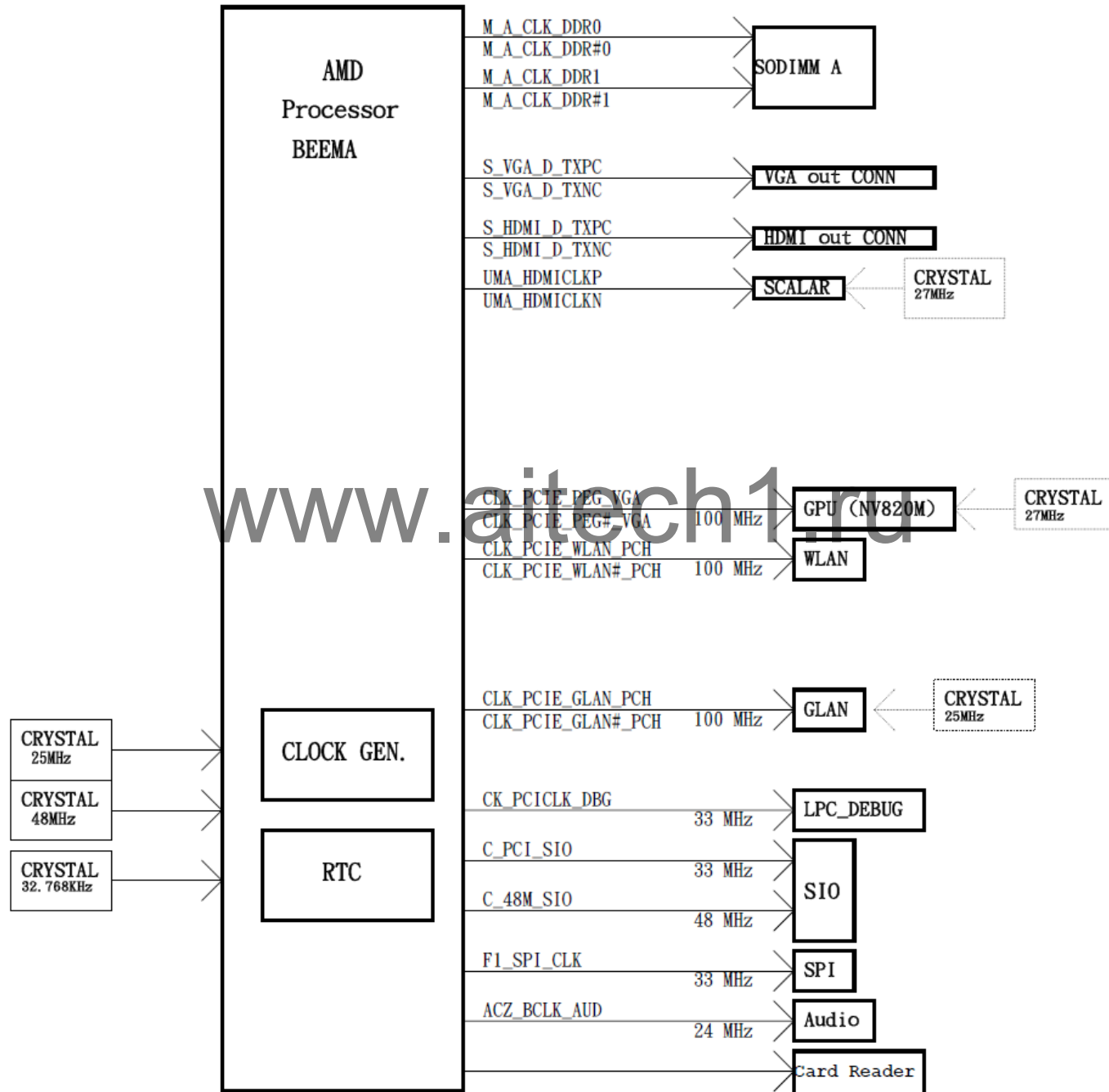
FCH	
PCIE 0	ASM1142A(U3.1)
PCIE 1	ASM1142A(U3.1)
PCIE 2	WIFI CARD



# POWER ON SEQUENCE



# Frequency Flow



1. APU1 or ADR39 RSMRST# 569

2. PANEL PWRBTN#PANEL 794

3. SR82 IO\_PWRBTN# 419

4. U31R21 +31U\_VCCSUS\_IN 616

5. U31R22 +31U\_VCCSUS\_O 610

6. EATXPWR O\_PSON# 686

7. PWR\_SSTA1 +5V 390

8. CF4 +5V\_D

9. PL102 VCORE 445

10. PR122 P\_VCORE\_PVCC392

11. PR133 VRM\_PWRGD 526

12. APU1 or ADR39 RSMRST# 569

13. SR82 IO\_PWRBTN# 419

14. X16C3 PCIE\_RST 510

15. APUR32 PCIE\_RST\_R 406

16. APUR11 LDT\_RST 396

**8.CF4 +5V\_D\_VGA 541**