

IP-Cam Reference Design

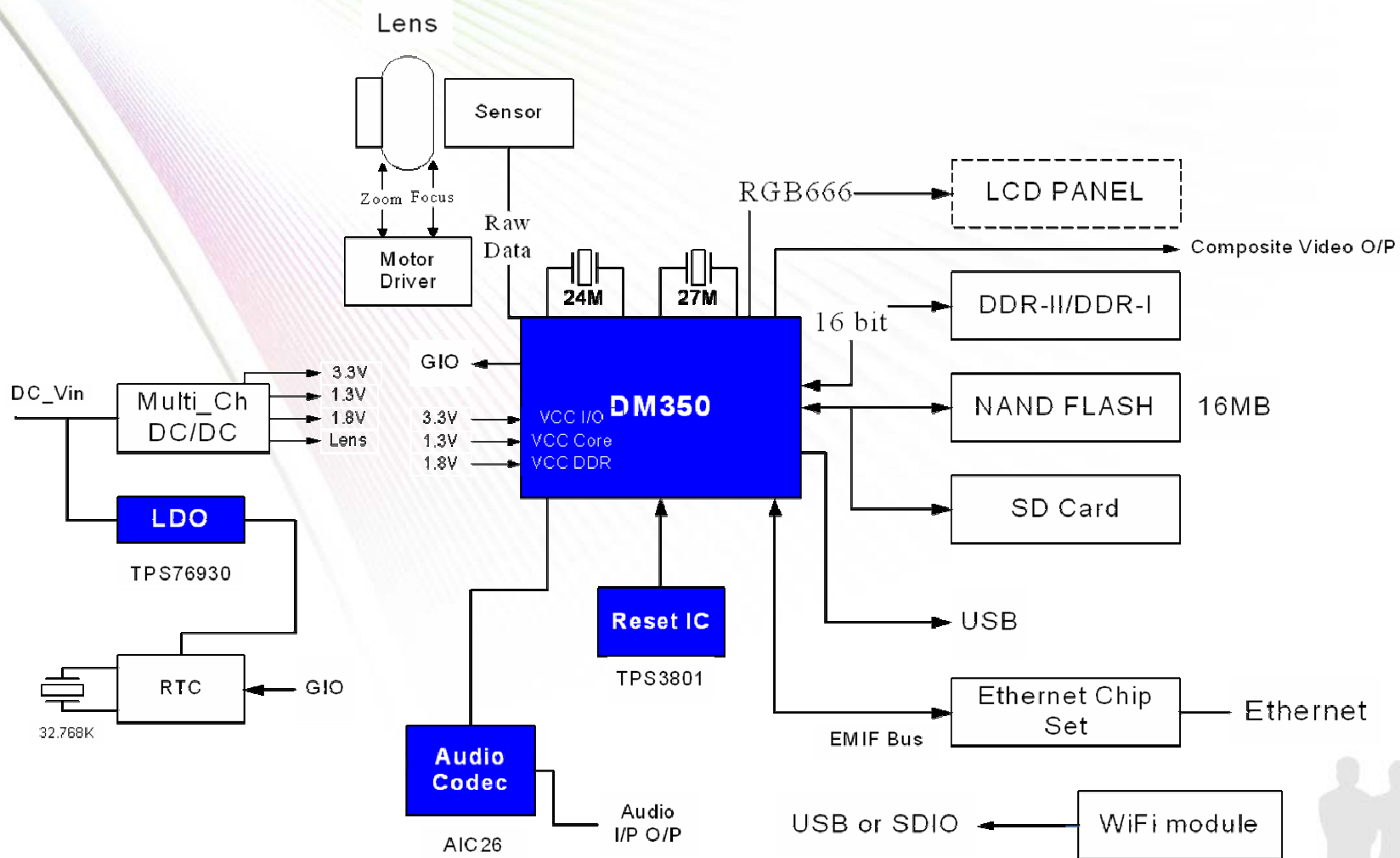
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IP-Cam System Block



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IP-Cam Design Spec.

Platform
Image System
Network Throughout
Video O/P
Audio
2A
Shutter
Sensitivity
Iris
Compression/Decompression
Network
Network Protocal
SD Socket
Software Upgrade
Power I/P



DM350H
1. Sony IMX012 1.3 CMOS sensor 2. Sony ICX098 VGA sensor
2MB/sec
1. Composite Video O/P(NTSC/PAL) 2. 720 YCbCr O/P
1. 16 bit , 8HKz Sample Rate 2. Built in Microphone
Auto AE,AWB
1/30 ~ 1/10000 sec
1.5 lux @ F1.2
Auto DC Iris
MPEG4 , MJPEG , JPEG
Ethernet 10/100 Base-Tx
TCP/IP,DHCP,HTTP,UDP,SNTP,ICMP
with
Use SD card
5V

Why Choose DM350 Platform ?

Very cost effective for cost/performance/Quality

With very good programmable filter (HW) can improve high ISO noise

Support MPEG4 and MJPEG dual stream

Can support AF, Zoom, Pan,.....

Can support Ethernet or WiFi

Support 3A and image quality tuning

Can support HD display (up to 75Mpixel/sec)

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TI Developer Conference

19 - 26 June 2007 • Beijing • Shanghai • Shenzhen • Taipei

Thanks!

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