



Z³
Technology, LLC

DM368 1080p Software

EXPERIENCE NEXT GENERATION TECHNOLOGY TODAY!

- **UBL**
 - User Bootloader for Z3-DM368-MOD
 - UBL 432 MHz ARM
- **U-Boot**
 - U-Boot 1.2.0, NAND Flash, Ethernet, Initrd support
- **Linux 2.6.x Kernel**
 - Support for SD, SDHC, MS and MMC
 - Fat16, Fat32, ext3 file system support
 - Standard Definition Video Output
 - Standard Definition Video Input
 - High Definition Video I/O 720p
 - LCD Video Output 480x272, VGA, WVGA
 - Stereo Audio Input and Output
 - Layered Framebuffer Driver with OSD Support
 - CMOS Image Sensor Support Optional
 - Ethernet 10/100, 802.11 WiFi
 - USB 2.0 High Speed Host and Device
 - Serial Port Drivers
- **Codec Engine**
 - H.264 MP, MPEG-4 SP, JPEG, PNG
 - G.711, AAC, MP3, WMA Codec
 - CE Codec Demo Application
- **1080p Streaming Media Application**
 - 1080i 30fps + AAC Encode to RTP
 - Low latency, resize to stream, resize for passthrough, dual streaming, low BW CBR mode
 - RTP Stream Decoder to A/V
 - WiFi and Ethernet Support
- **GStreamer Based Plug-in's**
 - Video Capture Plug-in
 - H.264 MP, MPEG-2/4, JPEG, PNG
 - G.711, MP3, AAC Codec
 - FBDEV Video Sink, OSS Audio Mixer, OSS Audio Source/Sink, Decoder Bin
 - Queue, ID3 Tag Muxer, Playbin
 - AVI Format Muxer/Demuxer
 - Matroska MKV Muxer/Demuxer
 - AVI SubTitle Parser
 - File Descriptor Source/Sink
 - File Source/Sink, URI Decoder
 - H.264 + Audio in AVI file format
 - Shoutcast protocol, RTP/RTSP plug-in
- **Gstplay Playback Application 1080p**
 - MJPEG, MPEG-2/4, H.264 30fps
 - G.711, MP3, AAC Audio Playback
 - AVI, MP4, MKV, MOV(QT) File Parsing
 - Play/Pause/Resume/Stop/RW/FF
 - Seek to any location during play/pause
 - JPEG+audio slideshow application
- **Gstplay Record Application 1080p**
 - H.264 MP, MPEG-4 + Audio Record
 - G.711, MP3, AAC audio
 - AVI, MKV, MOV (QT) File Construction
- **QT/Embedded**
 - Browser, GUI, ...etc.
- **Deliverables**
 - Documentation, source/object code
 - Integration Services Available

Contact Z³ Technology for customized product options

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