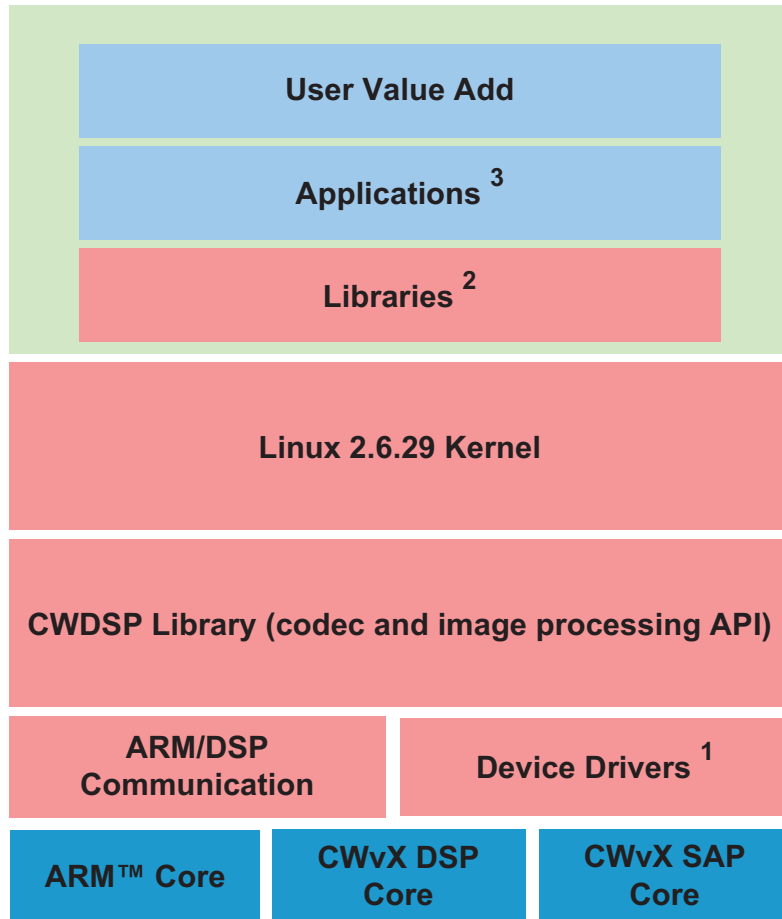


Software Architecture Block Diagram



Key

- CW Software Release
- User Supplied Components

1. SoC Peripheral Drivers: clock and power control, interprocessor messaging hardware, timers, video input/output, NTSC/PAL encoder, OSD assist, TFT LCD controller, USB, UARTs, SSI, I2C, I2S, MMC/SD/SDIO, MMC/CE-ATA (8-bit), Ethernet PHY, GPIO, PWM, EBI

2. Libraries: Qt, SDL, ffmpeg, alsa, bftpd, fbset, libmad, libpng, lirc, live, mtd-utils, ncurses, wireless_tools, zlib (subject to change)

3. Targeted applications: IPTV STB, digital signage, IP camera, personal media player, digital video recorder