



NEC Electronics Solutions For Handheld Devices

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- NEC Image signal processing solutions - CE series
 - Intelligent Mobile Display solutions - Tremolo Buffer IC series
 - Turnkey Design solution based on EMMA Mobile™ 1 SoC

NEC Electronics solutions for handheld devices – Camera Engine

Camera Engine CE151 – 13Mpixels and HD1080p

Portfolio of devices

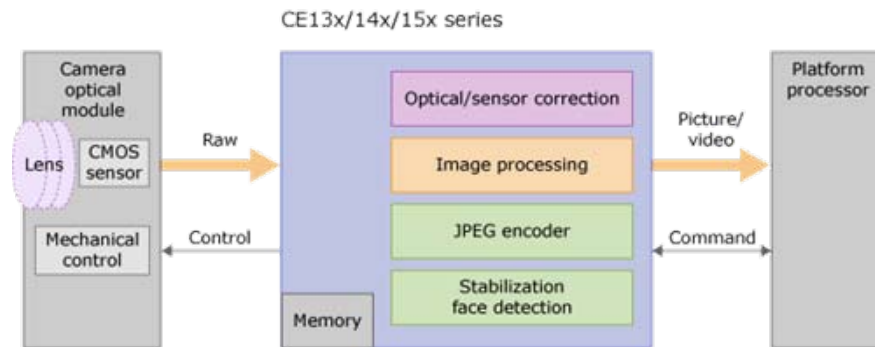
Ultra low-cost mid range solution
Leading edge high-end solution

Scalable platform

Lower investment
Shorter time to market

Expert team support

Image tuning
Platform implementation support
Role of overall integrator



High end camera performance within slim phones

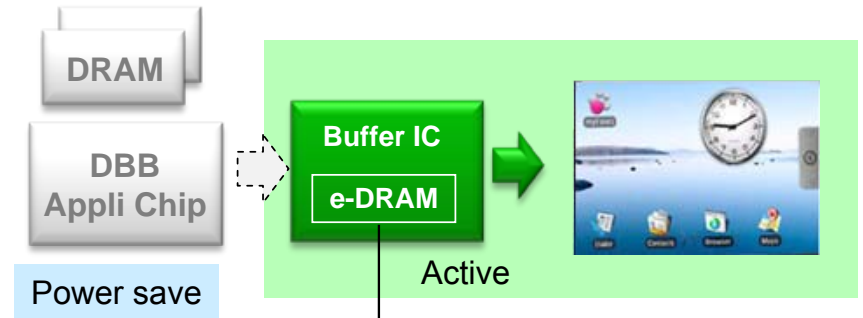
Intelligent Mobile Display Solutions – Tremolo Buffer IC series

Realize:

Higher display quality & lower power for any mobile platform

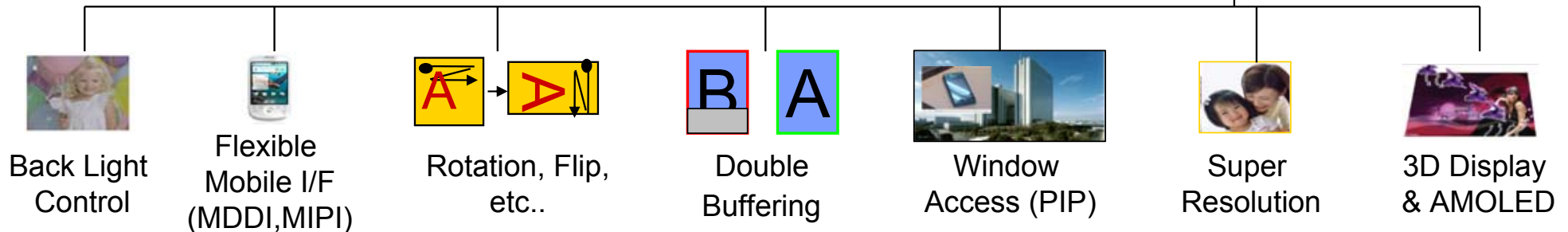
Save:

Traffic, bandwidth and power in main system



Total solution for intelligent display, with

Improved image quality , and reduced overall system power consumption



Turnkey Design solution based on EMMA Mobile™ 1 SoC

HDK (Hardware Development Kit)

A compact CPU board equipped with all major devices
Including I/O board



SDK (Software Development Kit)

OS: EMMA Mobile™ 1 Linux + audio visual processing CODEC with
driver support and sample application source code



Turnkey design realization: Connected Media Frame

Fixed and portable in one device: Photoframe, Portable Player and
Instant Information Terminal



HDK/SDK platform to rapidly develop a wide range of middleware/application software for various markets

Empowered by Innovation

NEC