



NOTES:

BTSC: BROADCAST TELEVISION SYSTEMS COMMITTEE.

CVBS: COMPOSITE-VIDEO-BROADCAST SIGNAL.

EIA-J: ELECTRONIC INDUSTRIES ASSOCIATION OF JAPAN.

I²S: INTER-IC SOUND.

NICAM: NEAR-INSTANTANEOUS COMPANDED-AUDIO MULTIPLEXED.

NTSC: NATIONAL TELEVISION SYSTEM COMMITTEE.

PAL: PHASE-ALTERNATING LINE.

SECAM: SÉQUENTIEL COULEUR AVEC MÉMOIRE.

SIF: SOUND INTERMEDIATE FREQUENCY.

VBI: VERTICAL-BLANKING INTERVAL.

VIF: VIDEO INTERFACE.

YC: S VIDEO.

YPBPR: GREEN/BLUE/RED.

Figure 3 An FPGA-based design provides for feature customization and is cost-feasible for low-end- and midrange-system configurations.