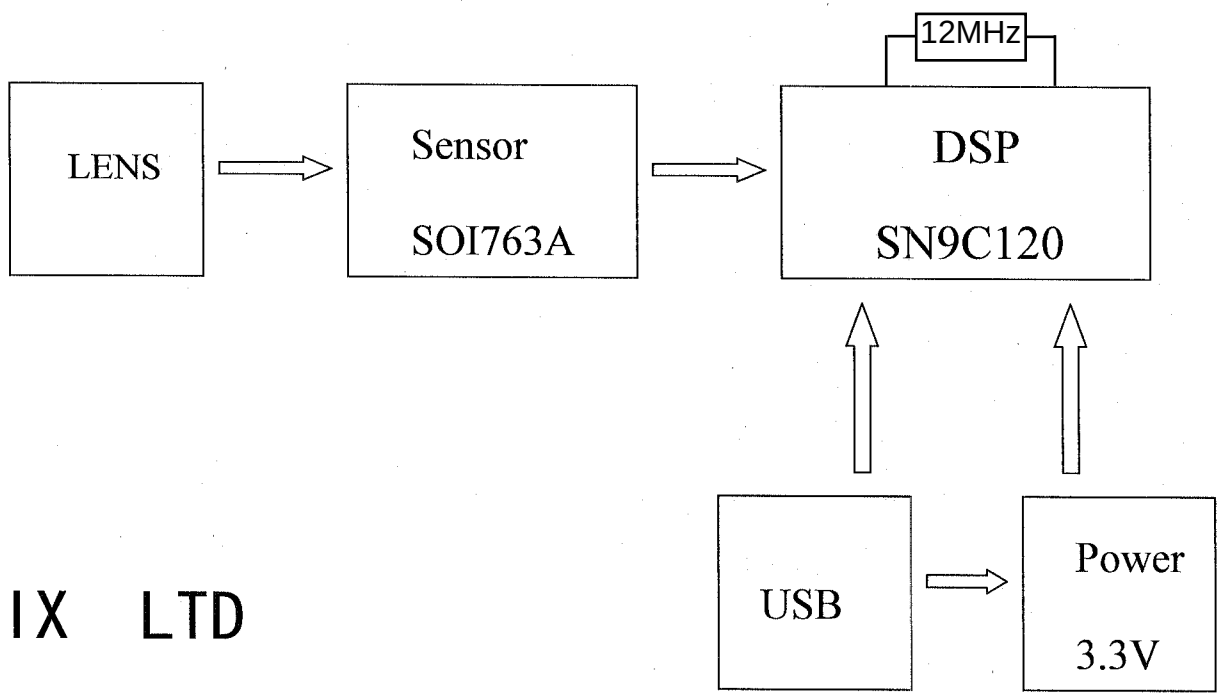
C7 Block Diagram

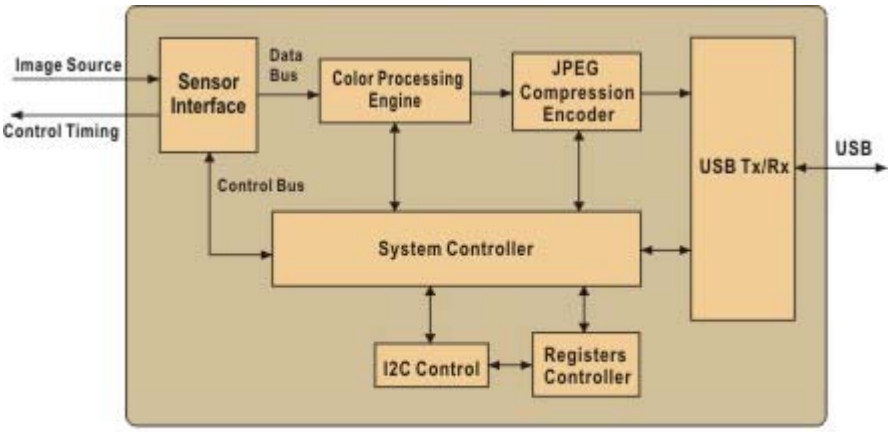


PRIMATRONIX LTD

Product Information

SN9C120

single-chip PC camera controller



[Enlarge Diagram]

Description:

SN9C120 provides a low power-consumption, cost effective and superior image quality solution for PC camera controller with VGA image sensor. It integrates sensor interface, image signal processing, image compression and USB transfer function into one single chip. SN9C120 supports various image sensors with RGB Bayer pattern and comes with image signal processing blocks such as gamma and color correction, edge enhancement, auto exposure and auto white balance controls. The built-in JPEG compression engine makes the VGA frame rate up to 30fps on USB1.1 to come true. With the auxiliary hardware windowing and scaling, we can provide a variety of image format and also digital-zoom function to satisfy any special application demands. The driver of SN9C120 has passed Microsoft's WHQL certification and it is 48-pin LQFP package without external memory needed.

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Downloads

Drivers

SN9C102P/105/110/12
(5213KB)
SN9C102P/105/110/12
(1452KB)

Data Sheet

SN9C120_Spec_v1.0

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