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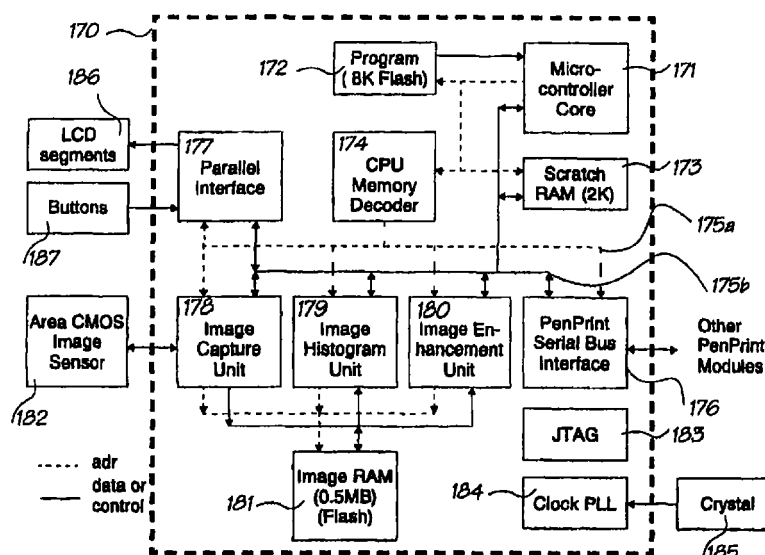
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(54) Title: IMAGE PROCESSOR FOR CAMERA MODULE



(57) Abstract: An image processor (170) for a camera module having an image sensor (182) that captures an image for transfer to a printer module of a compact printer system including a capture unit (178) that captures the image from the image sensor (182) and transforms it to planarized linear RGB form. The image processor (170) also includes one or more interface units communicating with components of said camera module under control of the central processing unit (171). A Serial Bus interface (176) communicates with the Serial Bus of a compact printer system to transfer data and power between modules. In one application, the camera module captures an image which is transferred to the image storage memory of a printer module for printing by a printhead.

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