

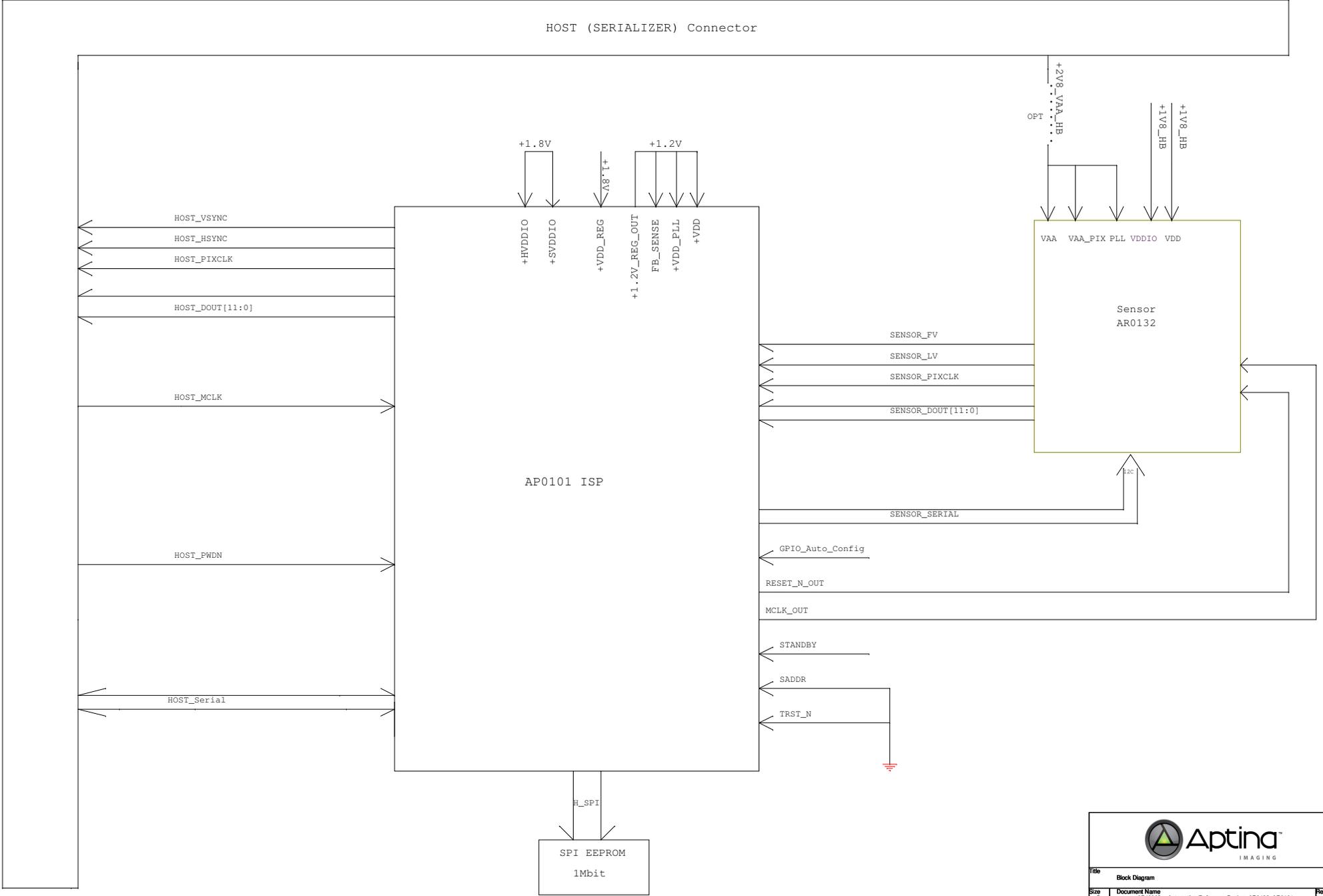
AR0132_AP0101_Reference_Design AP40003

Page	Description
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2	Block Diagram
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4	AP0101 ISP

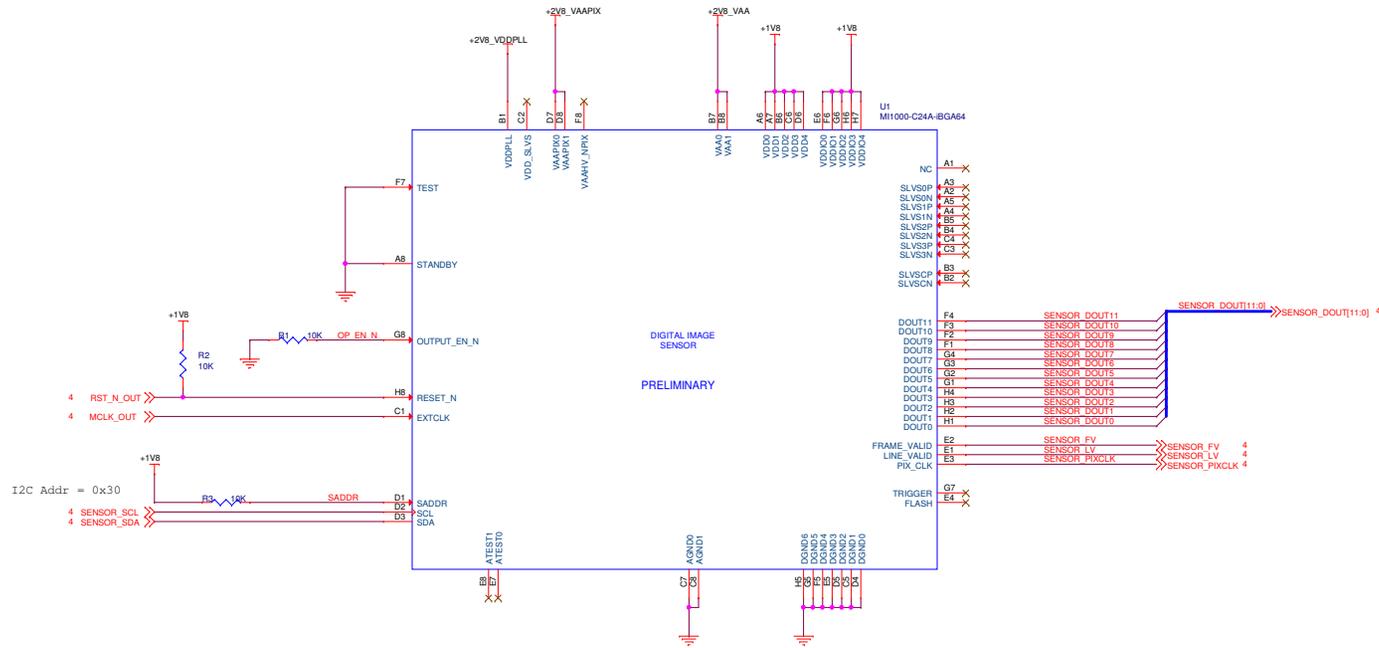
Rev	Author	Date	Description
Rev 0.0	Dmincinski	10/08/2013	Initial.
Rev 0.1	Dmincinski	10/11/2013	Remove voltage regulators and passive support components from design(deleted page 5). Added R/C filters to 2.8V supplies (page 4)
Rev 0.2	Dmincinski	12/05/2013	Add sensor lens mount symbol to schematic page 3



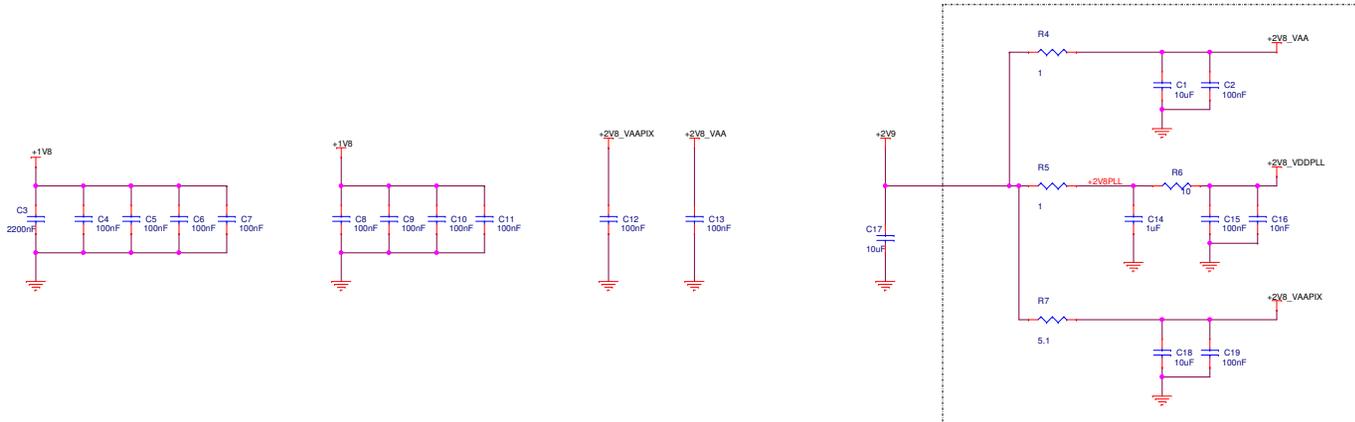
Block Diagram



AR0132_Sensor



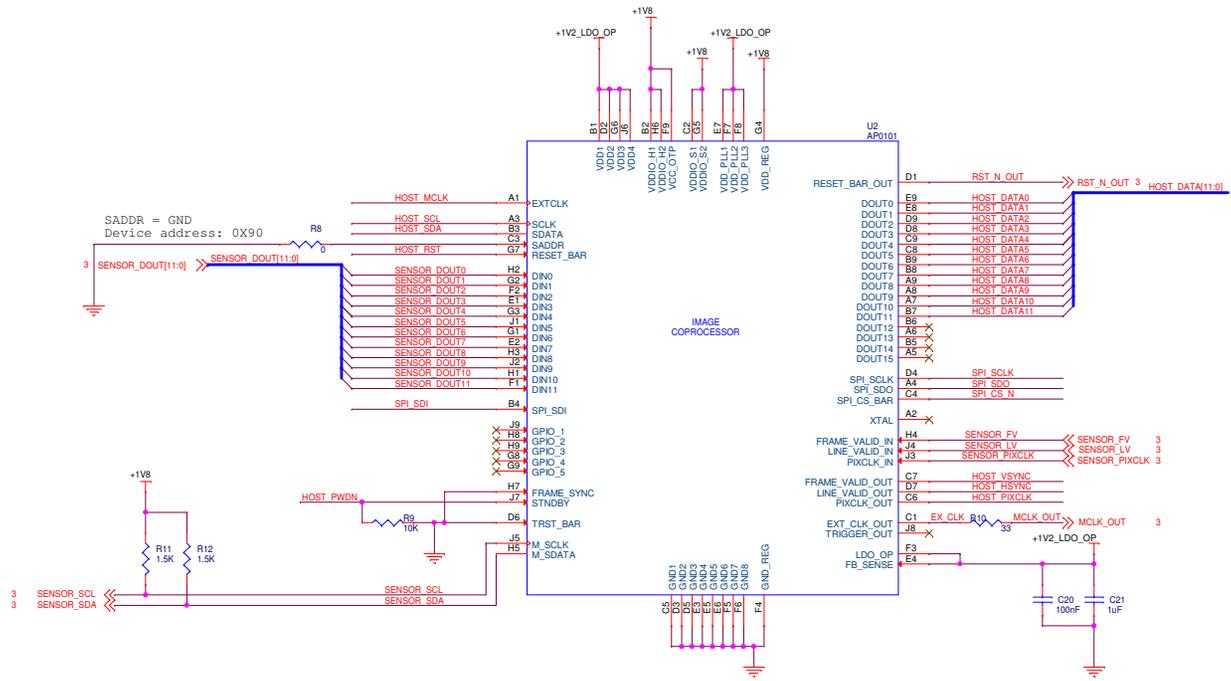
These Filter Circuits need to be located as close as possible to their respective power pins.



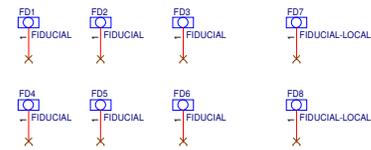
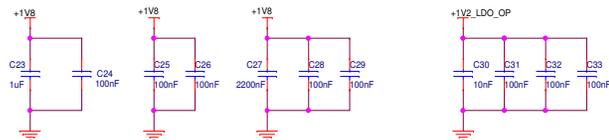
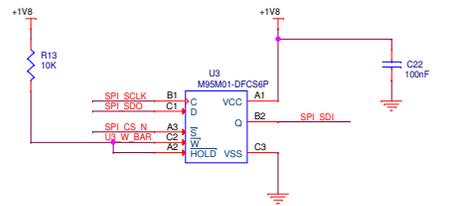
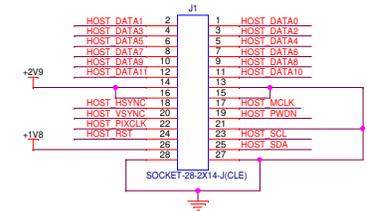
+5V0	+5V0
+1V8	+1V8 4
+3V2	+3V3
+2V8_VDDPLL	+2V8_VDDPLL
+2V8_VAAPIX	+2V8_VAAPIX
+2V8_VAA	+2V8_VAA

File: AR0132_Sensor		
Size: C	Document Name: AP40003 - Automotive Reference Design AR0132_AR0101	Rev: 0.2
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AP0101



Sensor Board Connector



File	AP0101 ISP	
Size	Document Name	Rev
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