

Future Electronics Intelligent Solutions For

IS ImageStream Internet Solutions

http://www.imagestream.com/
Selma, Texas

WiFi AP / Router May 22, 2020



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Requirements

- SFP+
- 2.5G PoE (802.at)
- GigE
- 2 mPCle to 3 mPCle
- 1 GB DDR to 2GB
- Unique ID, to generate unique password per device
- WiFI Modules
 - 88w9064
 - 88w8964
- OpenWRT
- Open vSwitch



Options

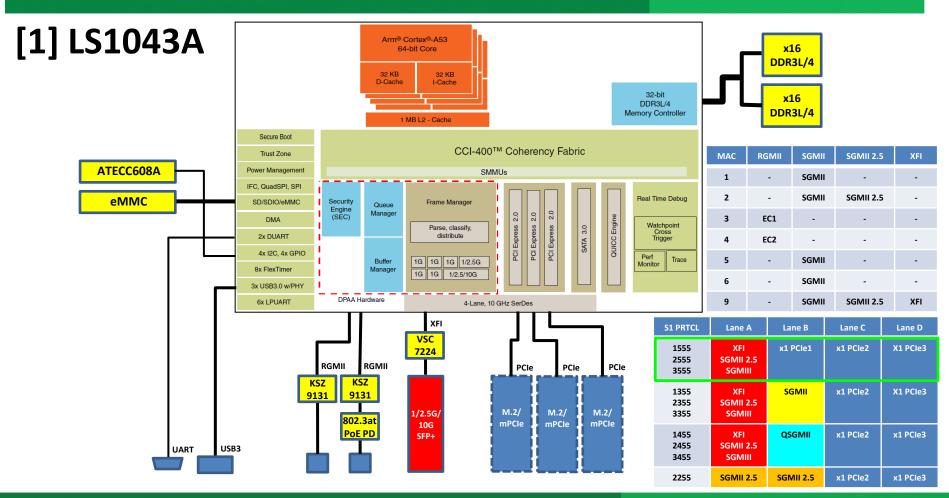
Low End

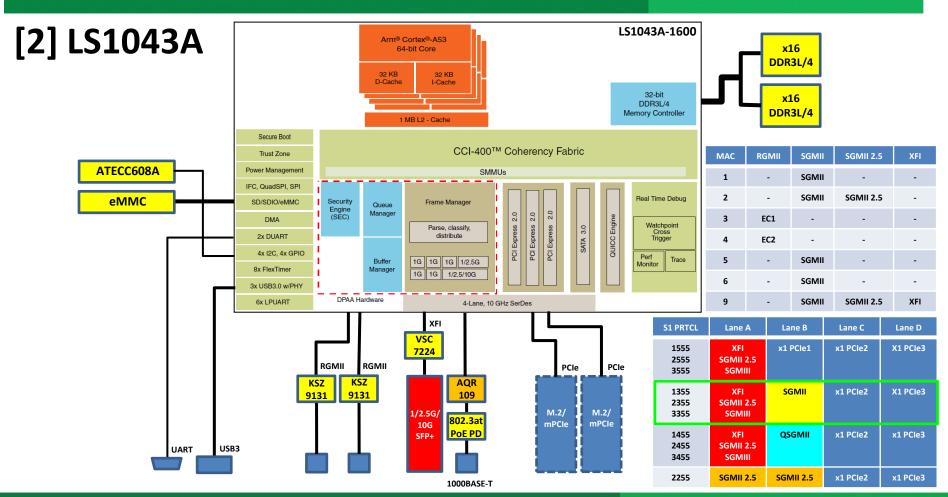
• LS1012A

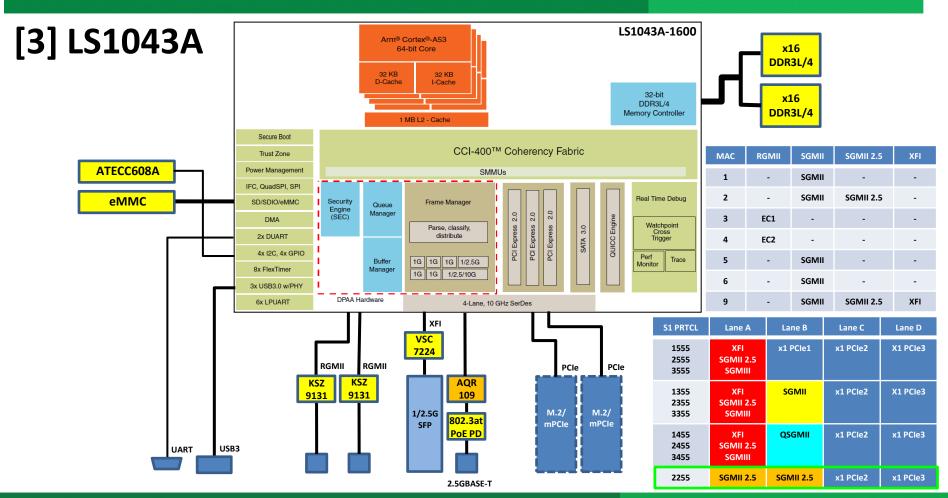
High End

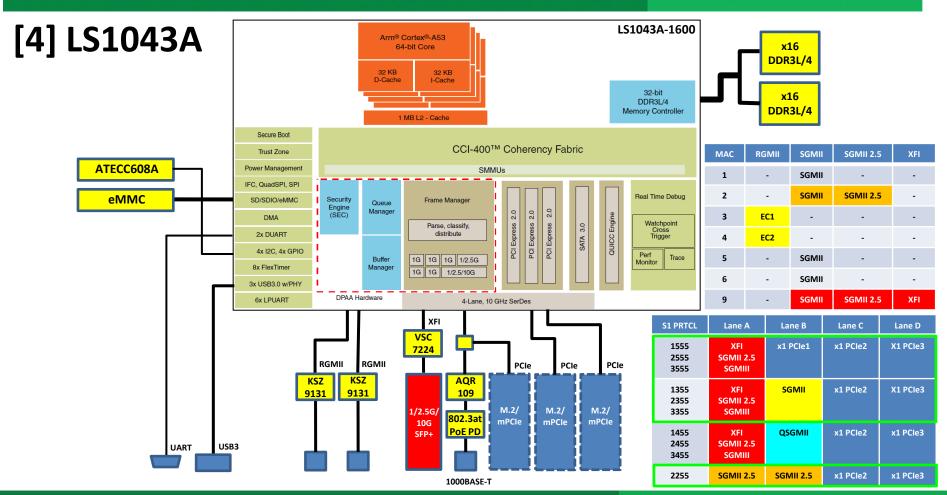
- LS1023A/LS1043A
- LS1026A/LS1046A

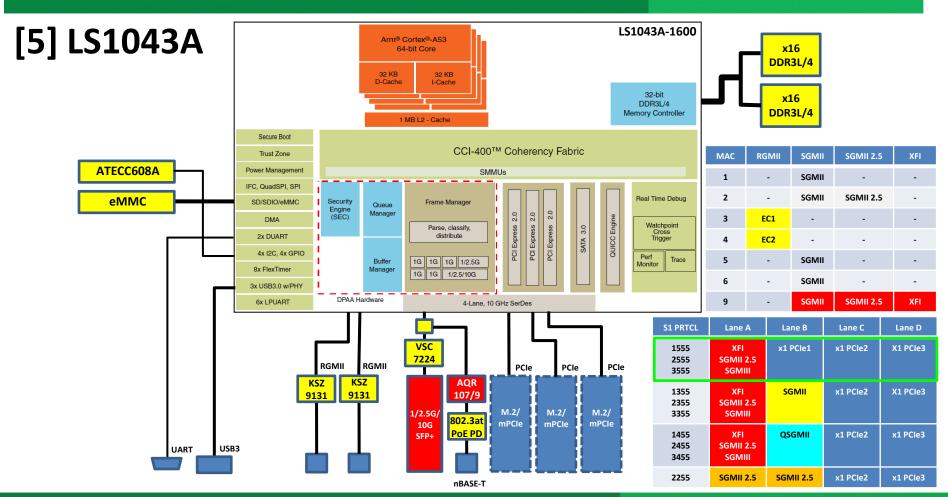


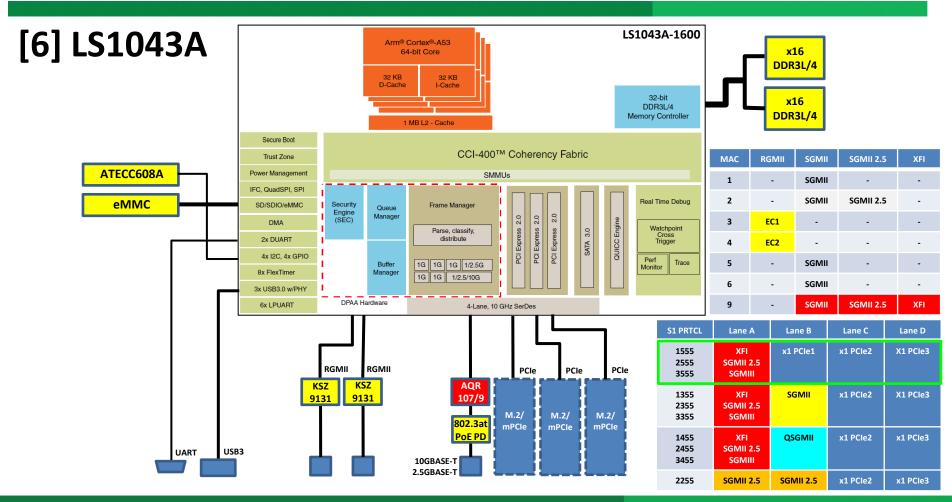


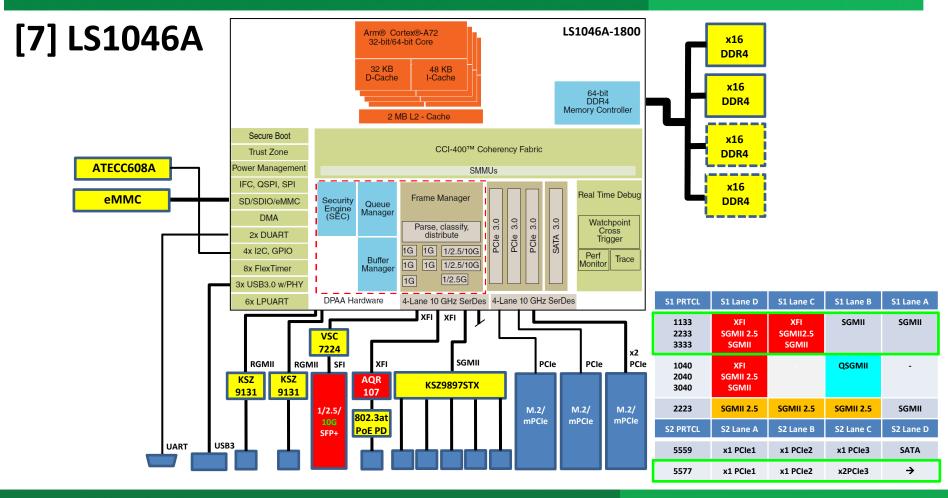


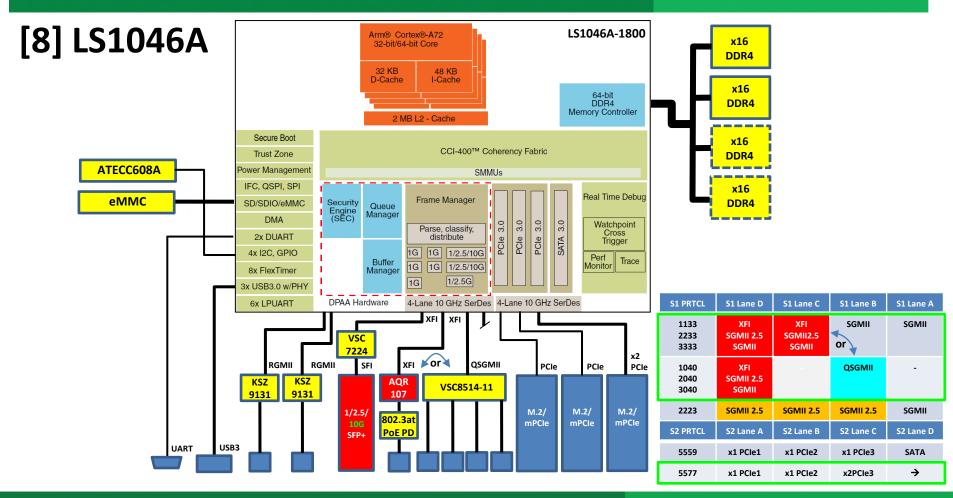












Summary



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Option	1	2	3	4	5	6	7	8
Processor	LS1043A	LS1043A	LS1043A	LS1043A	LS1043A	LS1043A	LS1046A	LS1046A
mPCle/M.2	3 mPCle	2 mPCle	2 mPCle	2/[3]mPCle	3 mPCle	3 mPCle	3 mPCle	3 mPCle
SFP+	1G SFP 2.5G SFP 10G SFP+	1G SFP 2.5G SFP 10G SFP+	1G SFP 2.5G SFP -	1G SFP 2.5G SFP [10G SFP+]	[1G SFP 2.5G SFP 10G SFP+]	-	1G SFP 2.5G SFP 10G SFP+	1G SFP 2.5G SFP 10G SFP+
nBase-T	- -	1GBase-T -	1GBase-T 2.5GBase-T	[1GBase-T] [2.5GBase-T]	[1GBase-T 2.5GBase-T 10GBaseT]	1GBase-T 2.5GBase-T 10GBaseT	1GBase-T 2.5GBase-T 10GBaseT	[1GBase-T 2.5GBase-T 10GBaseT]
1000Base-T	2 GigE	2 GigE	2 GigE	2 GigE	2 GigE	2 GigE	2 GigE + 5 Switched	2+[4] GigE
Notes				Configurable Combo	Either SFP+ or 10GBase-T		Both SFP+ and 10GBase-T	Either 4 more 1G or 10GBase-T





