

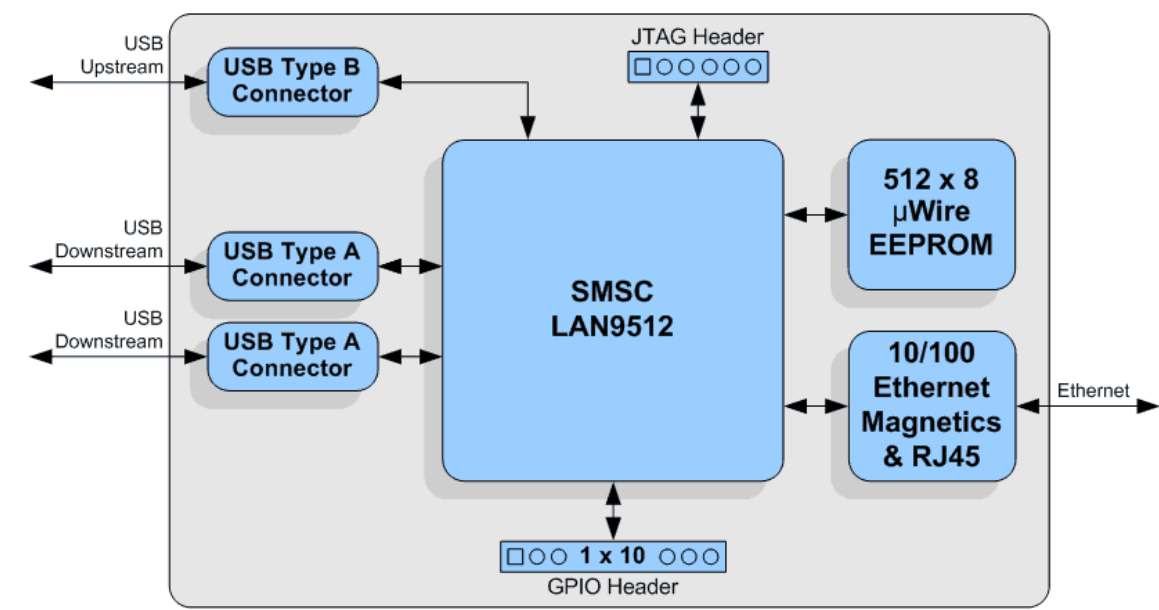
LAN9512 64QFN Customer Evaluation Board

PCB Revision B
Schematic Revision 1.0

Design Details

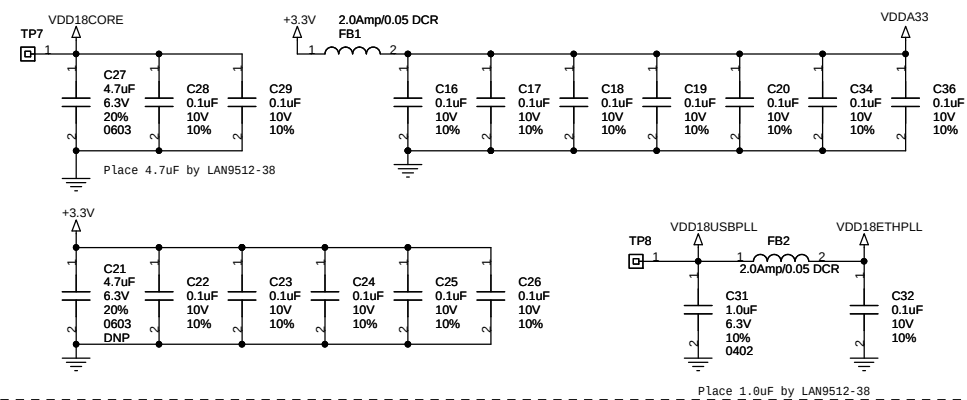
Board: Assembly No. 6577
Chip: 64 Pin QFN
Board Form Factor: 4" X 2.5"

Circuit Diagrams utilizing SMSC Products Are Included As A Means Of Illustrating Typical Semiconductor Applications: Consequently Complete Information Sufficient For Construction Purposes Is Not Necessarily Given. The Information Has Been Carefully Checked And Is Believed To Be Entirely Reliable. However, No Responsibility Is Assumed For Inaccuracies. Furthermore, Such Information Does Not Convey To The Purchaser Of The Semiconductor Devices Described Any License Under The Patent Rights Of SMSC Or Others. SMSC Reserves The Right To Make Changes At Any Time In Order To Improve Design And Supply The Best Product Possible.

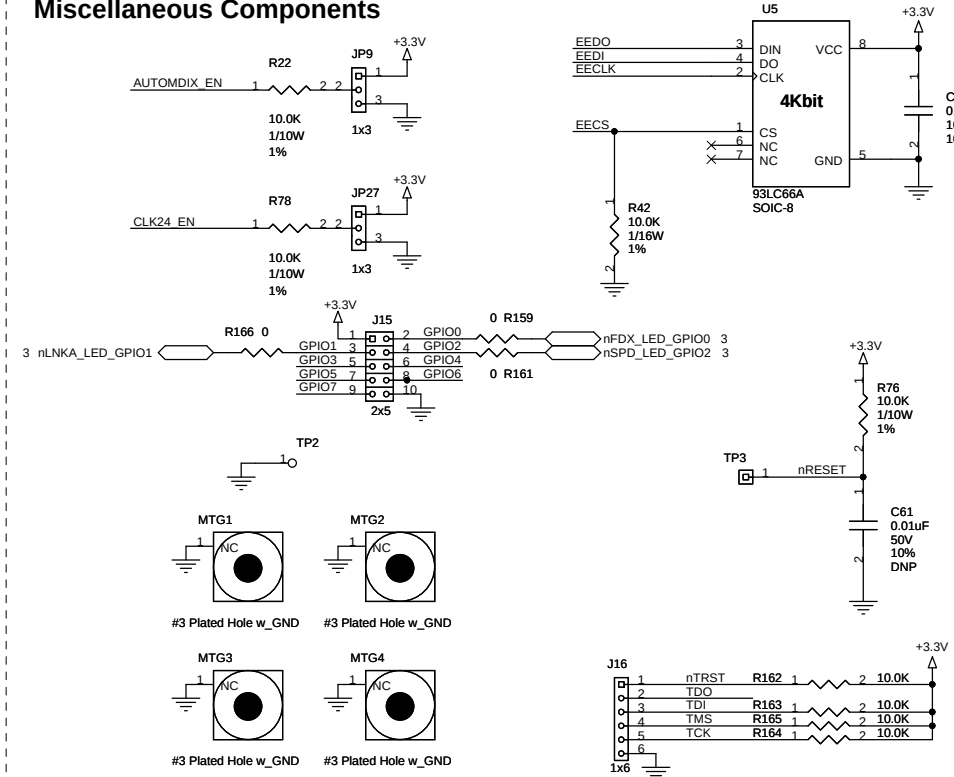


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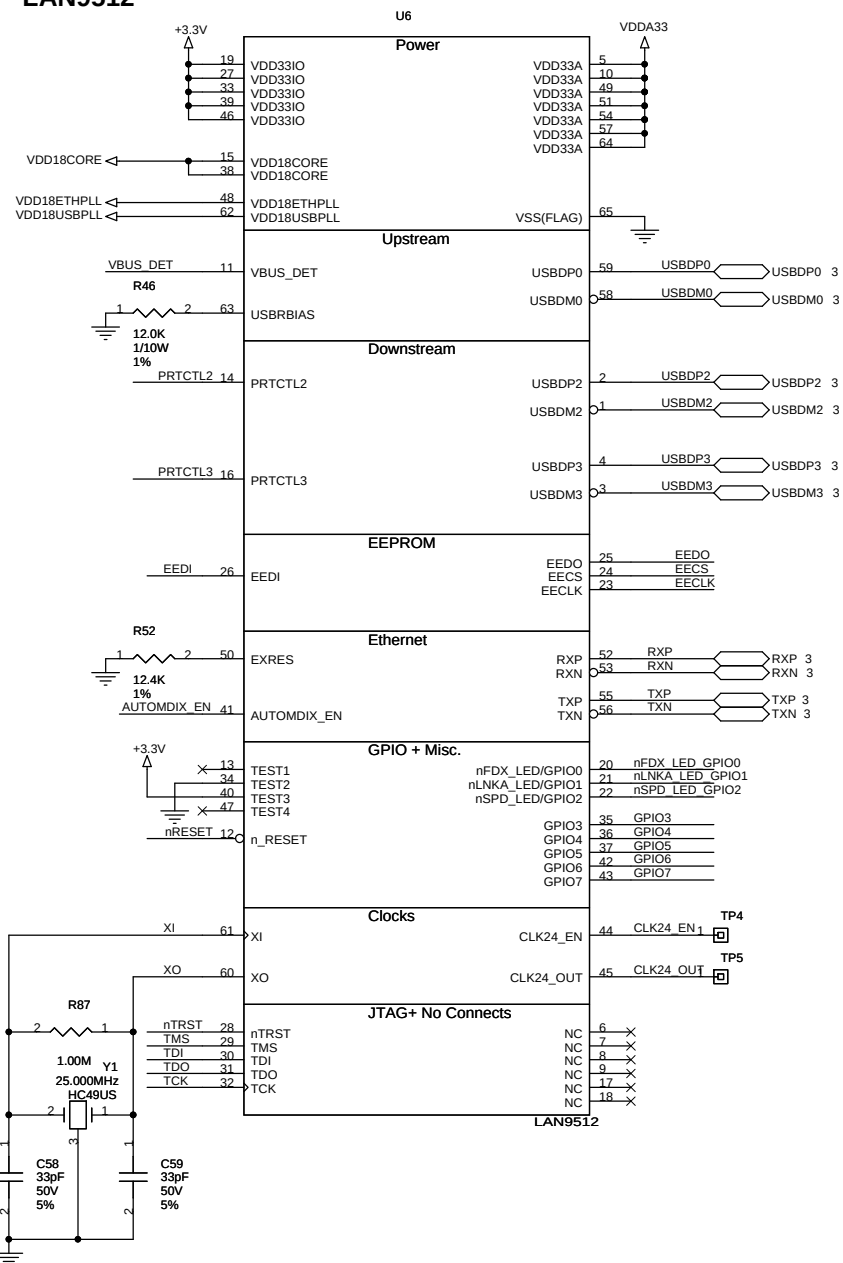
Power Supply Filtering LAN9512



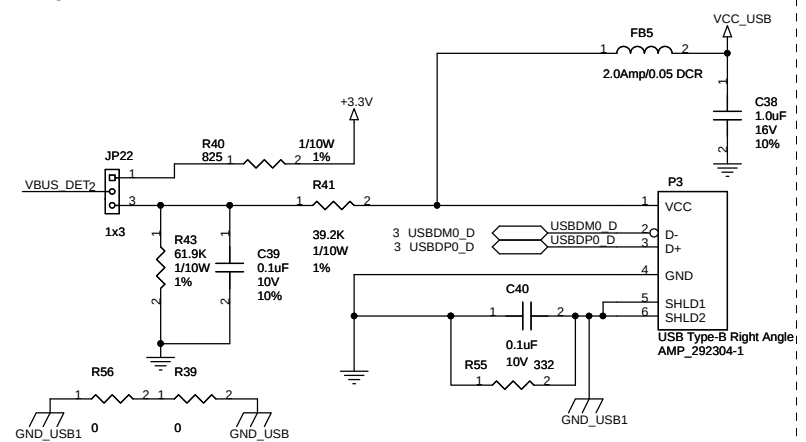
Miscellaneous Components



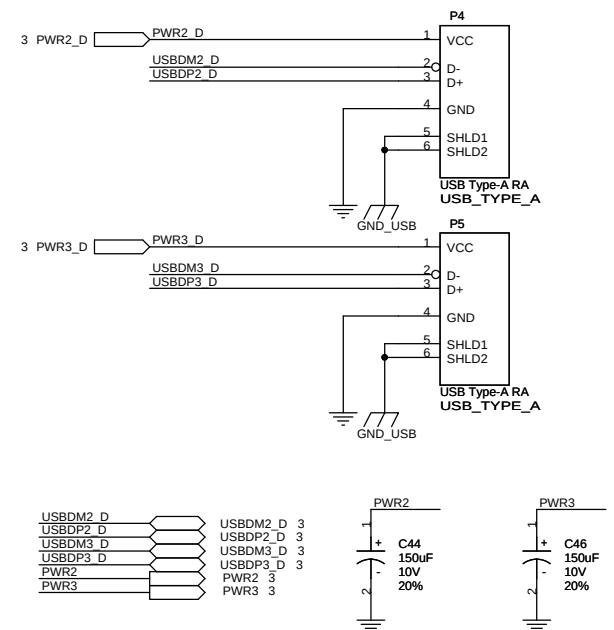
LAN9512



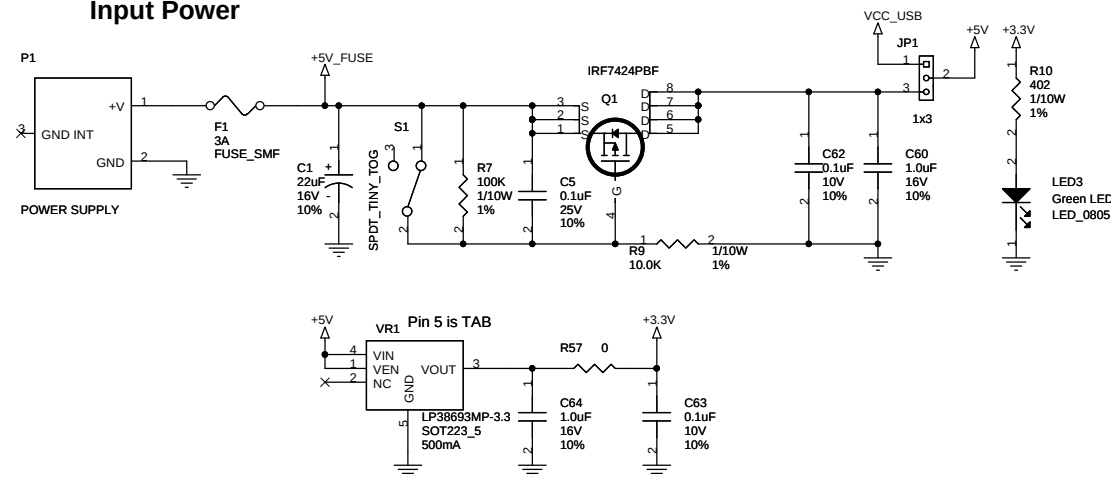
Upstream



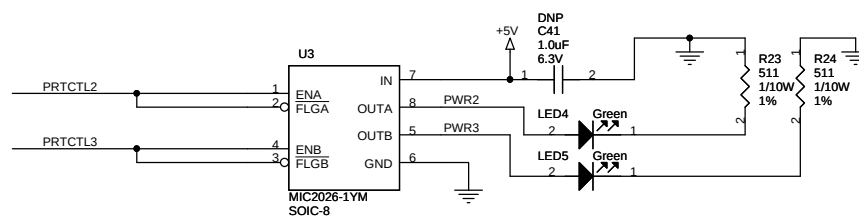
Downstream



Input Power

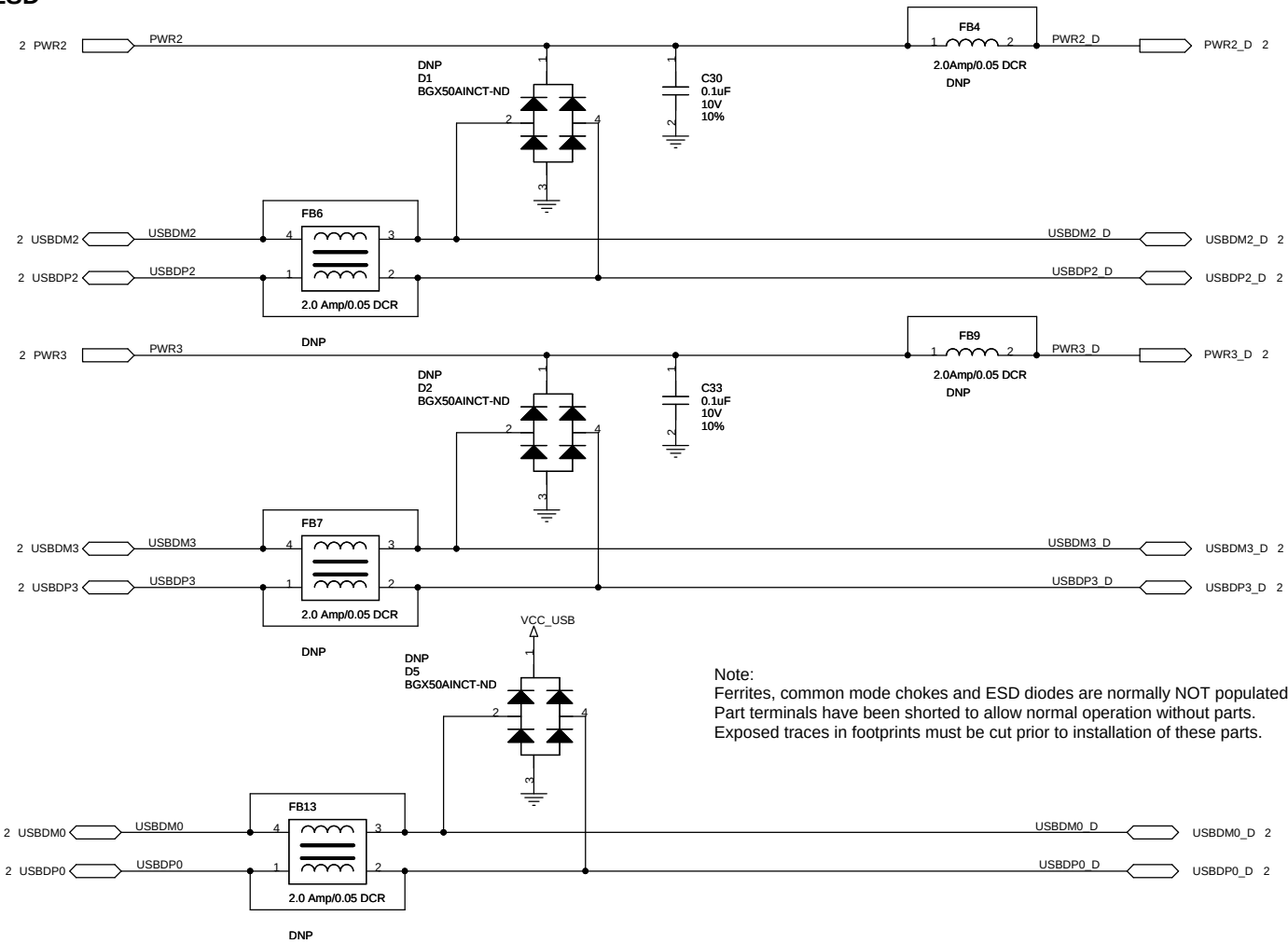


Power Switching Downstream

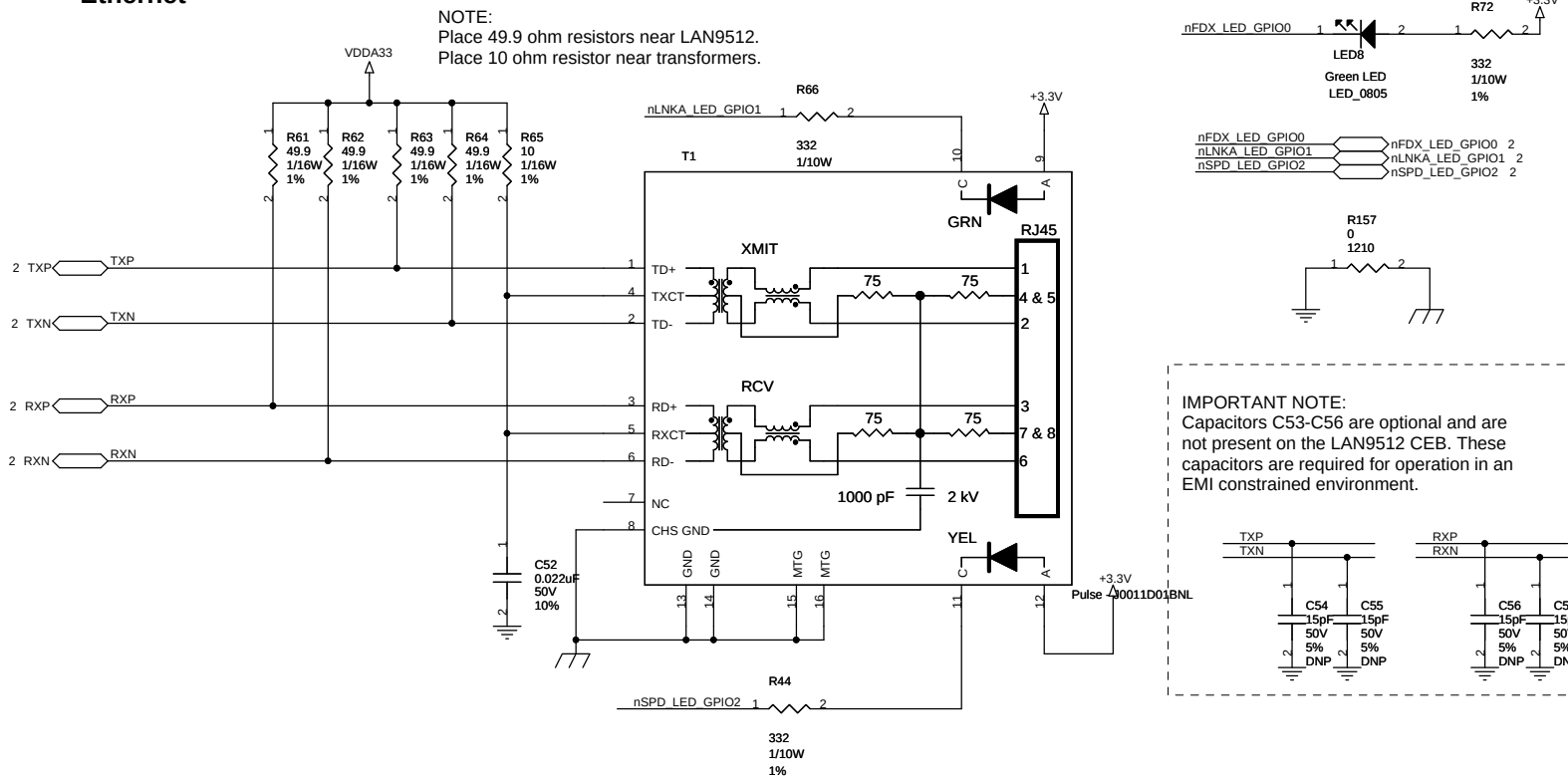


Title				
LAN9512 64QFN				
Size	Engineer	Assembly No.	PCB Rev	Schematic Rev
C	R.W.	6577	B	1.0
Date: Tuesday, August 25, 2009			Sheet 2 of 3	

EMI and ESD



Ethernet



Title				
Power and Ethernet				
Size	Engineer	Assembly No.	PCB Rev	Schematic Rev
C	R.W.	6577	B	1.0
Date: Tuesday, August 25, 2009			Sheet	3 of 3