

Top View Diagram of Vortex86EX SOM-128-EX

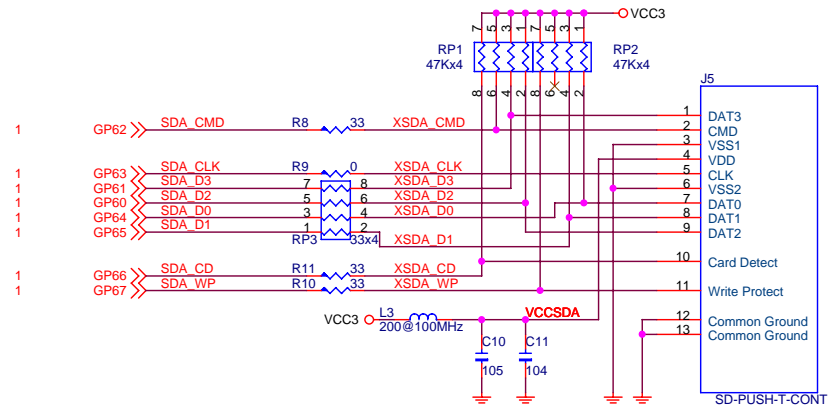
The diagram shows the top view of the Vortex86EX SOM-128-EX module. The module is rectangular with a width of 28mm and a height of 45mm. The central component is the Vortex86EX processor. Below it is the DDR3 DRAM. The left side features a pin header (A) with pins labeled P0, P9, USB1, USB2, A/D, SATA, PCI-E, LAN, and P8. The right side features a pin header (B) with pins labeled P7, P6, P5, P4, P3, P2, and P1. The bottom edge has two large circular connectors labeled 64 and 63. The module is labeled "TOP VIEW".



PCB NO. DM219A
VESA-PC-60 SOM-128-EX DB2
V0.3

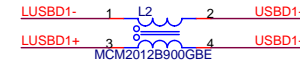
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SODIM200			
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SD CARD



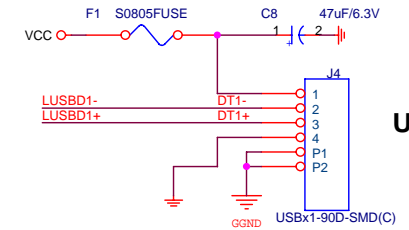
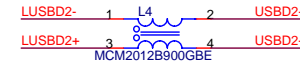
DIFF-90

1 USBD1- <-> USBD1-
1 USBD1+ <-> USBD1+

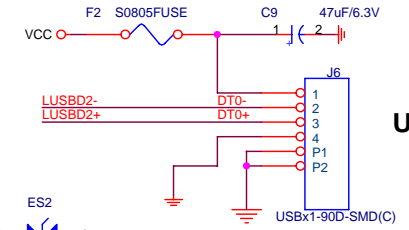


USB ESD

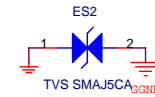
1 USBD2- <-> USBD2-
1 USBD2+ <-> USBD2+



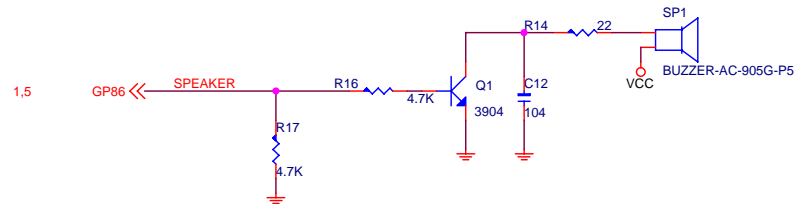
USB1



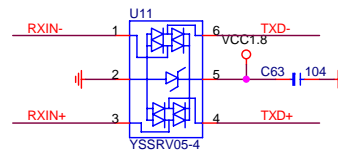
USB2



SPEAKER



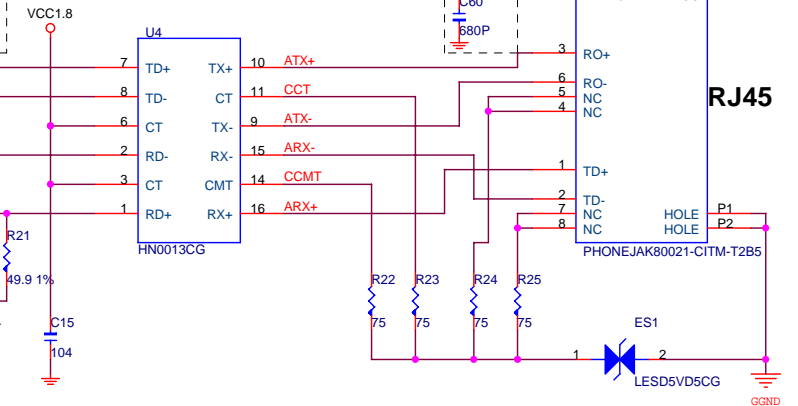
LAN ESD



DIFF-90

1 GP84 <-> LINK/ACTIVE
1 GP85 <-> DUPLEX

1 LANRX+ <-> RXIN+
1 LANRX- <-> RXIN-
1 LANTX- <-> TXD-
1 LANTX+ <-> TXD+



RJ45

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<OrgAddr1>

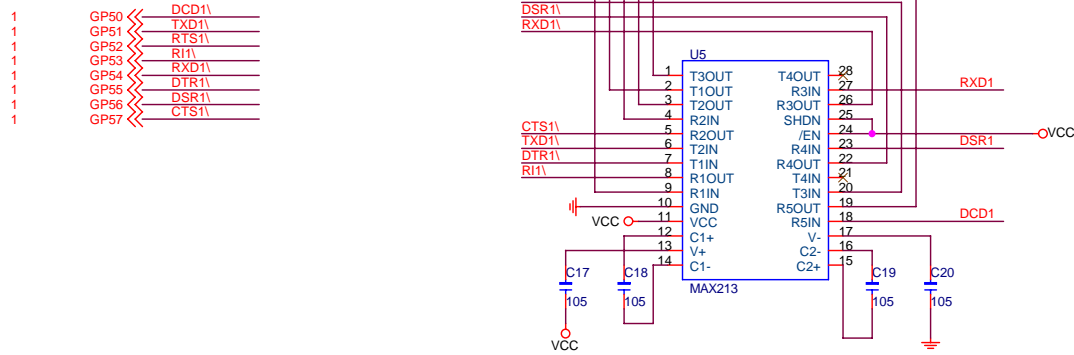
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Size Document Number
DM219A

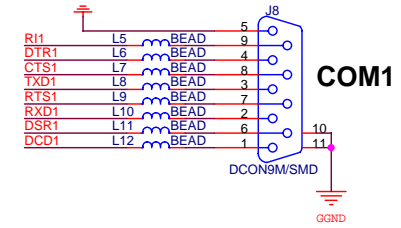
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RS232



COM1 RS232/P0

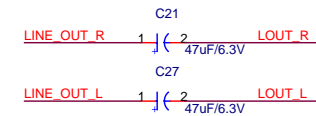
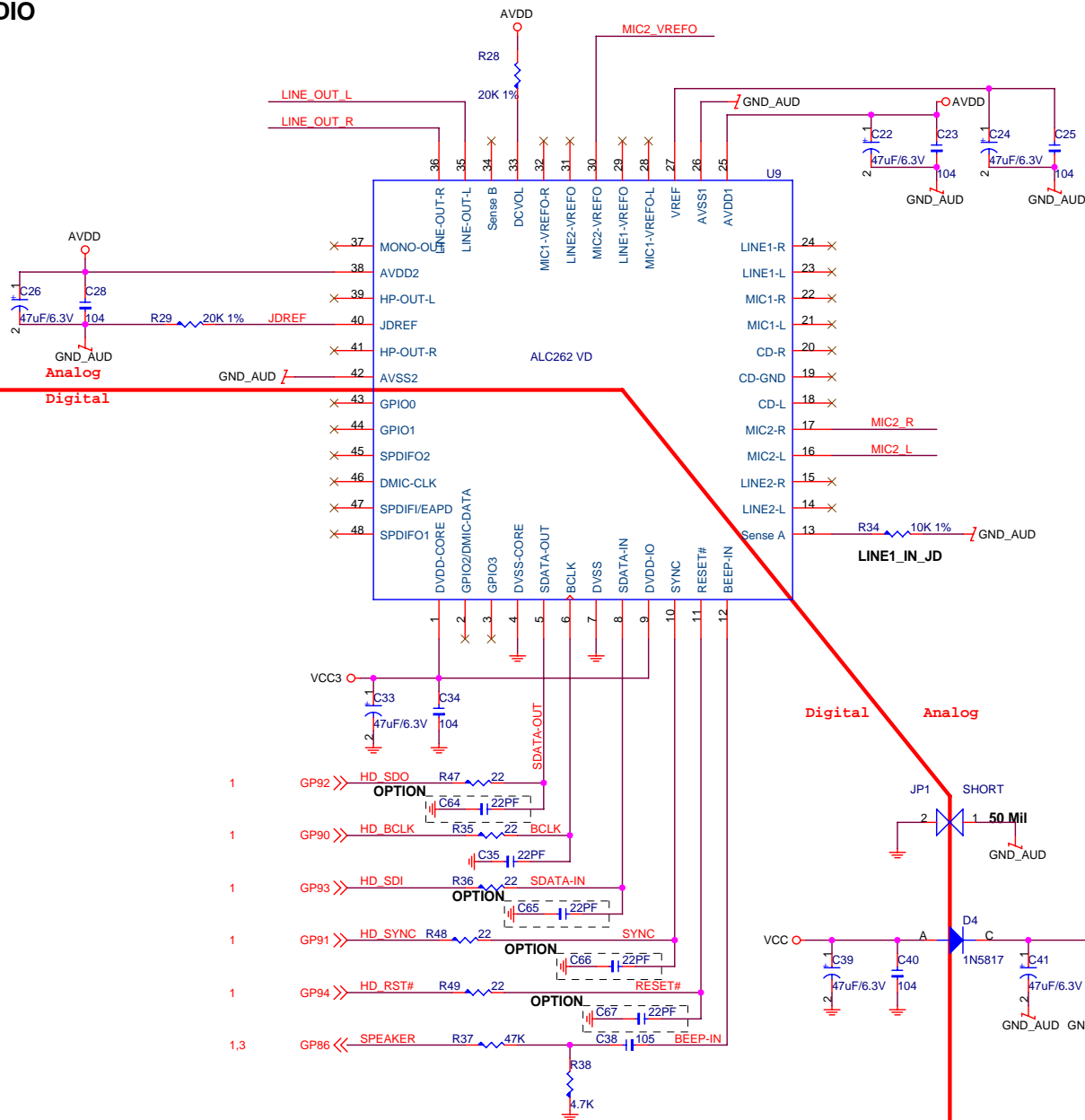


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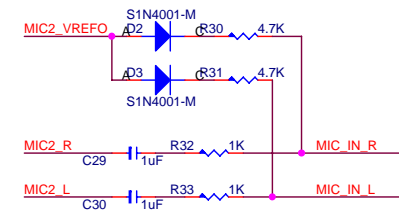


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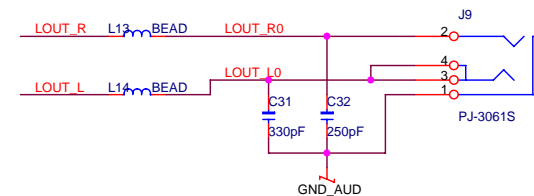
HD AUDIO



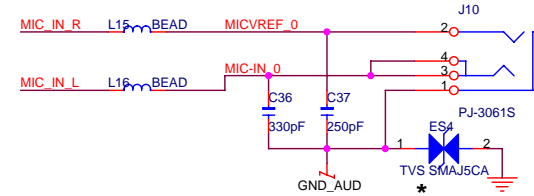
LINE-OUT



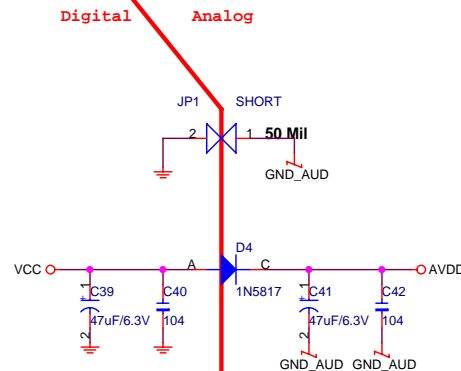
MIC2-IN



LINE-OUT



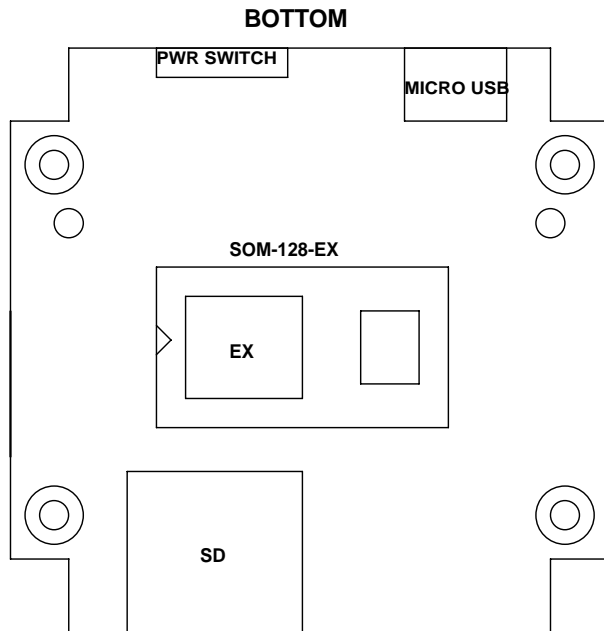
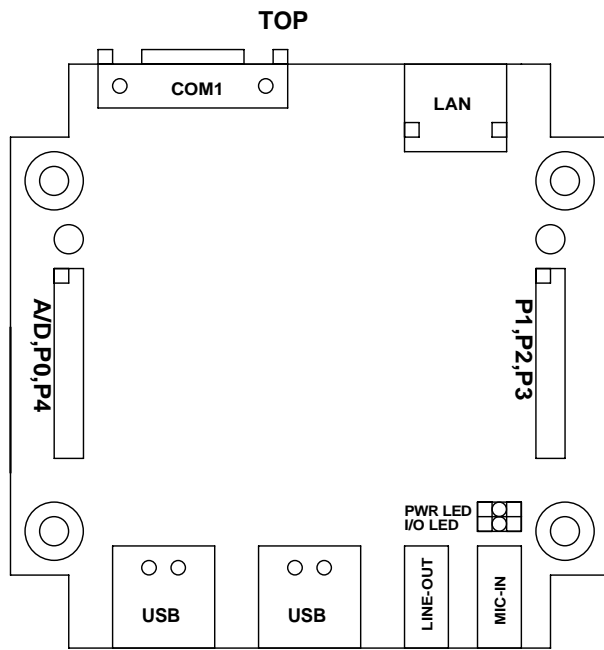
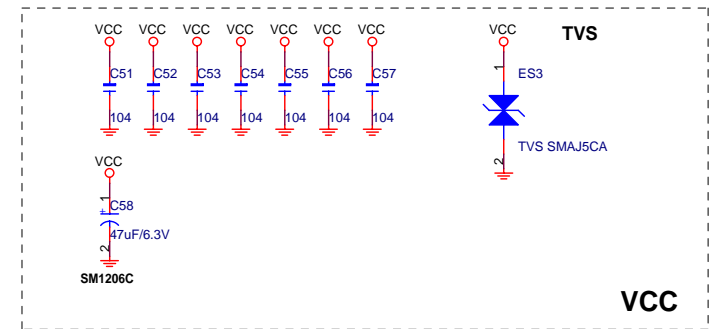
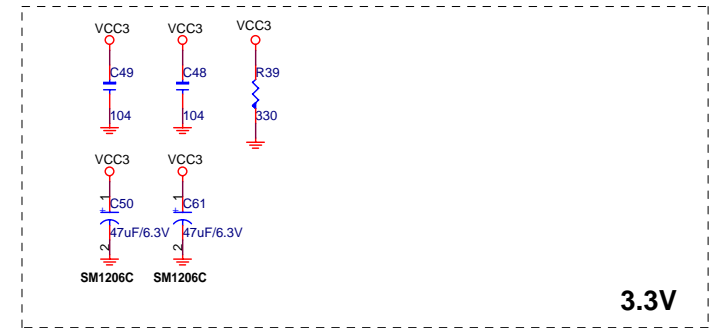
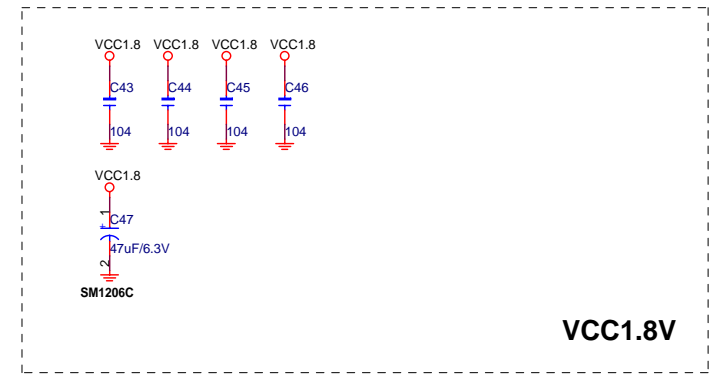
MIC-IN



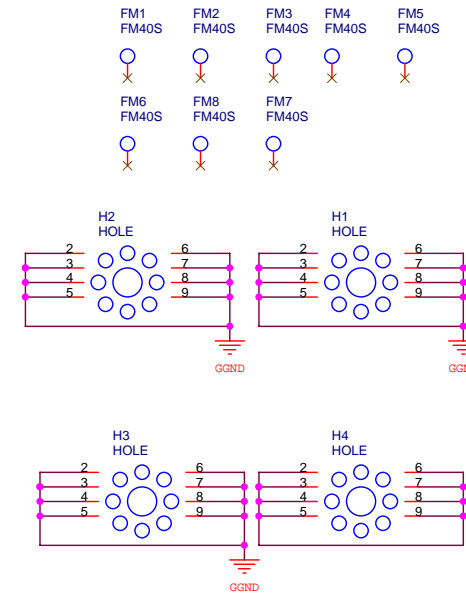
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BYPASS



VESA-PC-60 SOM-128-EX DAUGHTER BOARD 2



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