

Schematic diagrams

Figure 1. STEVAL-SILKTA01 circuit schematic (1 of 21)

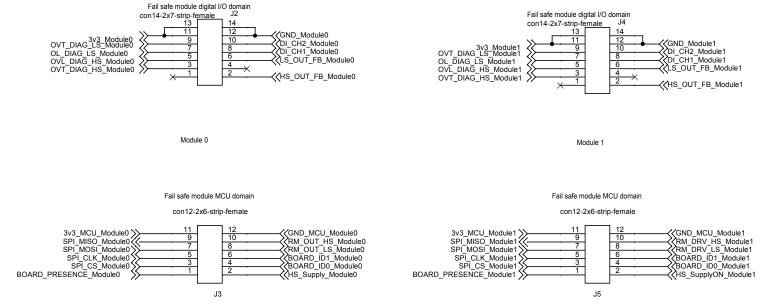


Figure 2. STEVAL-SILKTA01 circuit schematic (2 of 21)

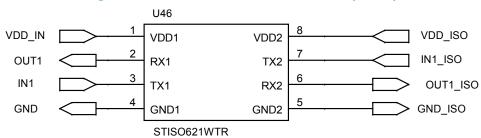


Figure 3. STEVAL-SILKTA01 circuit schematic (3 of 21)

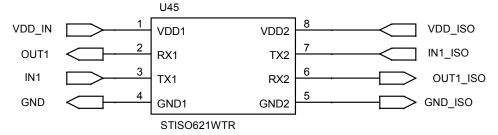


Figure 4. STEVAL-SILKTA01 circuit schematic (4 of 21)

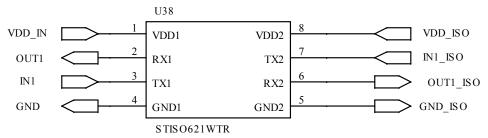


Figure 5. STEVAL-SILKTA01 circuit schematic (5 of 21)

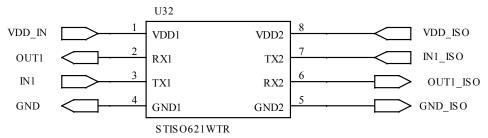
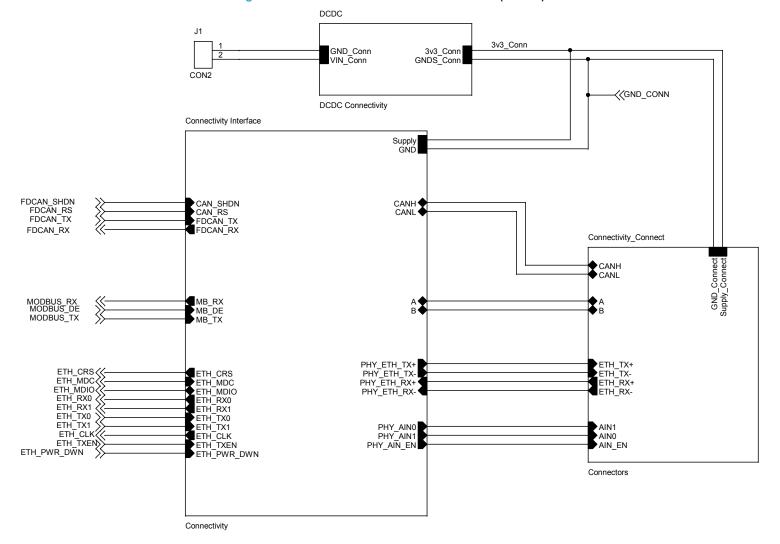


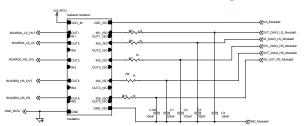
Figure 6. STEVAL-SILKTA01 circuit schematic (6 of 21)

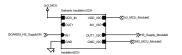


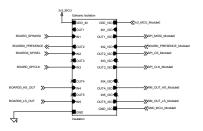
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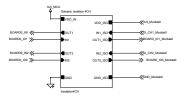


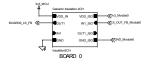
Figure 7. STEVAL-SILKTA01 circuit schematic (7 of 21)

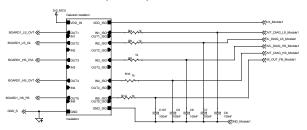


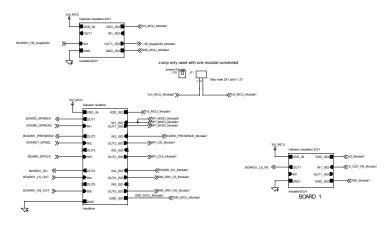


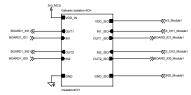












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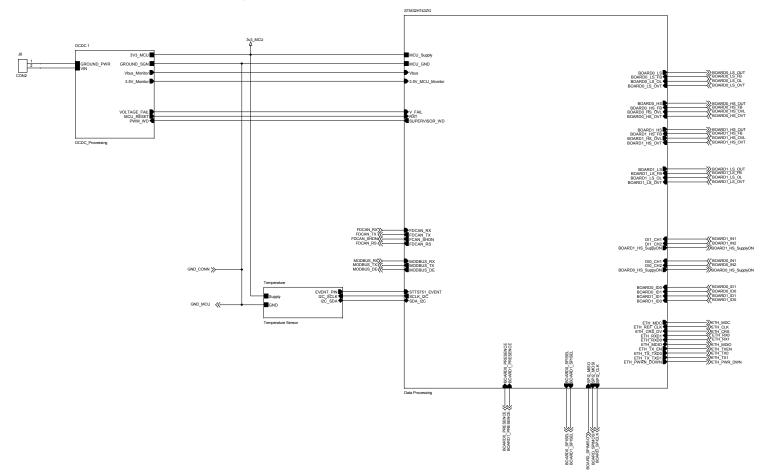
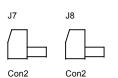
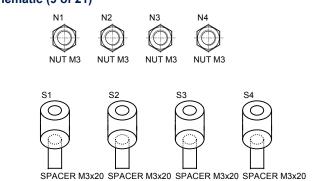


Figure 8. STEVAL-SILKTA01 circuit schematic (8 of 21)

Figure 9. STEVAL-SILKTA01 circuit schematic (9 of 21)

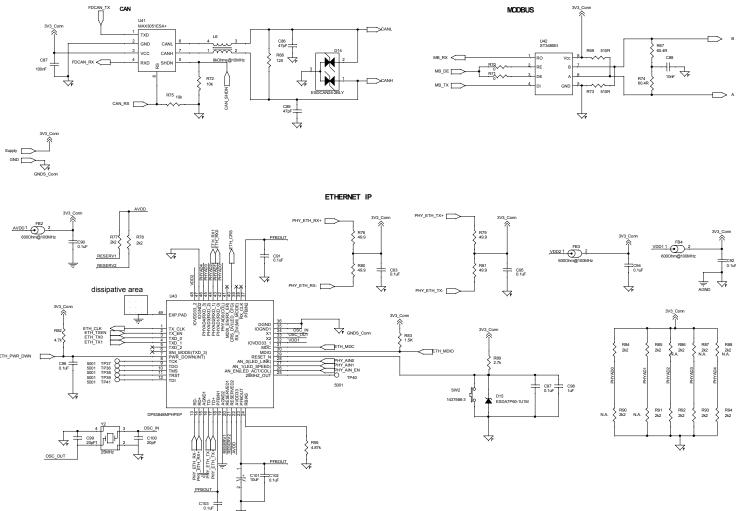




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Figure 10. STEVAL-SILKTA01 circuit schematic (10 of 21)



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P2 3V3_Conn CANL CANH Supply_Connect [DB9 PLUG GND_Connect DB9 SOCKET 3v3_Conn <<-R98 2k2 AIN_EN[3V3_Conn D16 R99 330 TP42 5001 LED AMBER 0402 SMD U44 TP43 5001 AN0 ETH_TX+ AIN0 TXD+ 3V3_Conn CT1 R100330 R1012k2 C104 0.1uF ETH_TX-TXD-K_LED_GREEN A_LED_GREEN ETH_RX+ RXD+ R102330 R1032k2 CT2 K_LED_YELLOW ETH_RX-RXD-A_LED_YELLOW NC TP44 5001 SHIELD1 SHIELD2 AIN1 GND Ethernet Connector

Figure 11. STEVAL-SILKTA01 circuit schematic (11 of 21)

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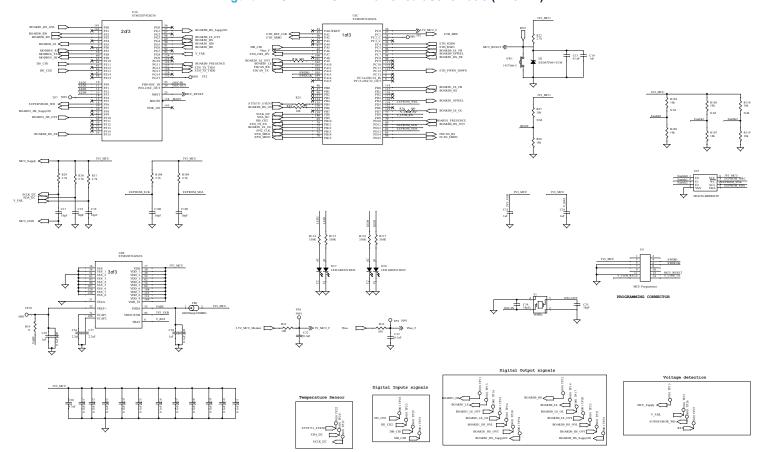
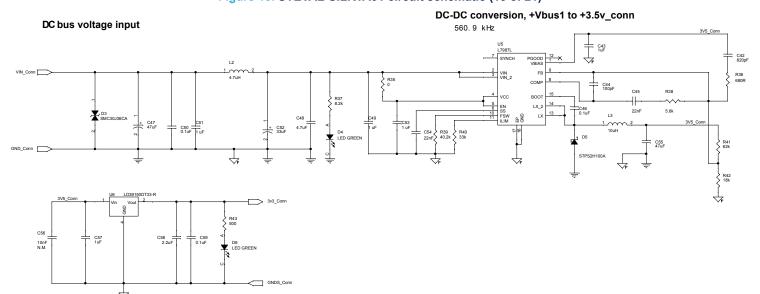


Figure 12. STEVAL-SILKTA01 circuit schematic (12 of 21)

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Figure 13. STEVAL-SILKTA01 circuit schematic (13 of 21)



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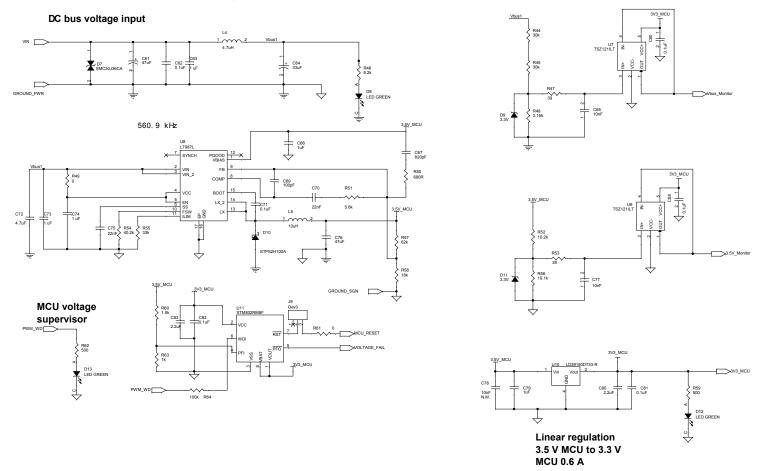
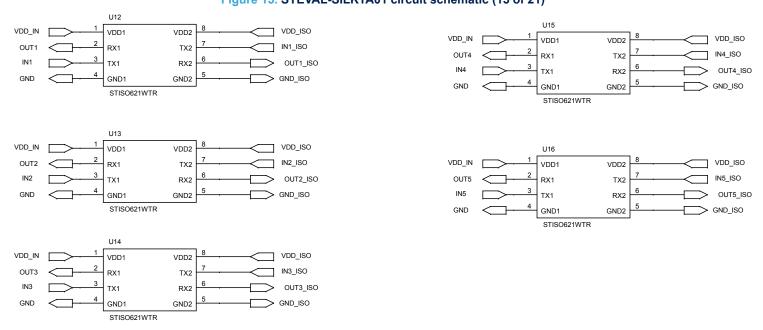


Figure 14. STEVAL-SILKTA01 circuit schematic (14 of 21)

Figure 15. STEVAL-SILKTA01 circuit schematic (15 of 21)



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IN3

GND

TX1

GND1

STISO621WTR

RX2

GND2

Figure 16. STEVAL-SILKTA01 circuit schematic (16 of 21)

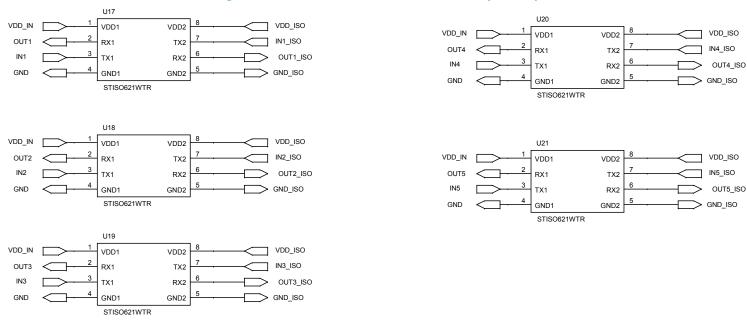
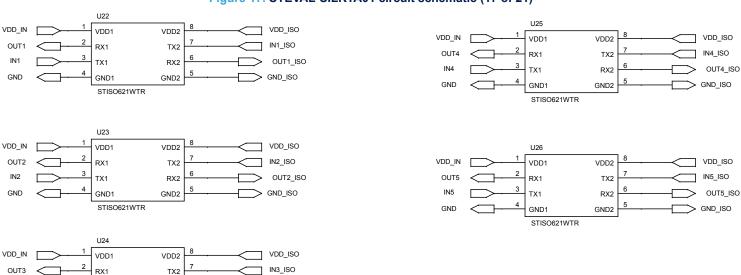


Figure 17. STEVAL-SILKTA01 circuit schematic (17 of 21)



OUT3_ISO

GND_ISO

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Figure 18. STEVAL-SILKTA01 circuit schematic (18 of 21)

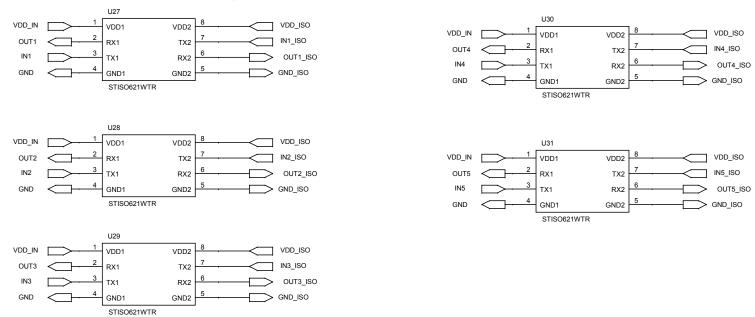
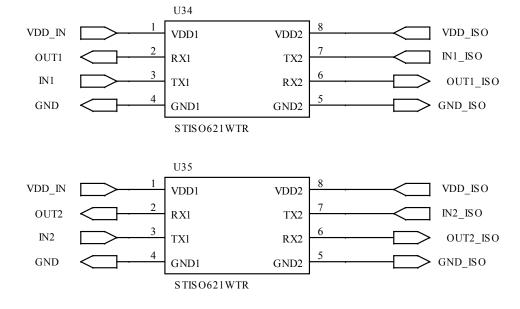


Figure 19. STEVAL-SILKTA01 circuit schematic (19 of 21)



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VDD_IN VDD1 VDD_ISO VDD2 $IN1_ISO$ OUT1 RX1 TX2 IN1 OUT1_ISO TX1 RX2 GND_ISO GND GND1 GND2

 $S\,TIS\,O\,6\,2\,1\,W\,TR$

Figure 20. STEVAL-SILKTA01 circuit schematic (20 of 21)

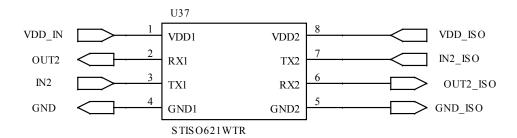
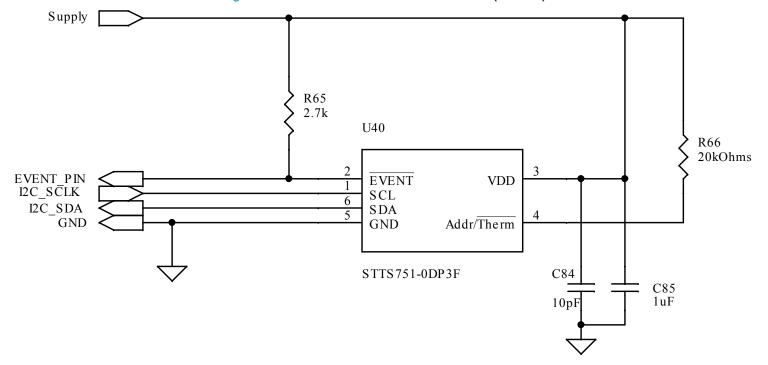


Figure 21. STEVAL-SILKTA01 circuit schematic (21 of 21)



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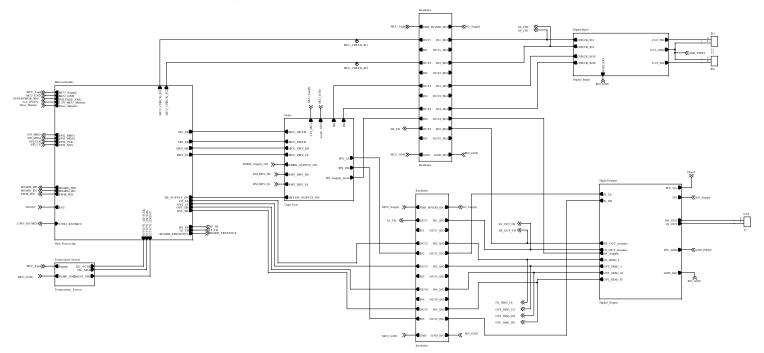
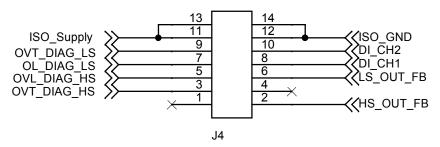
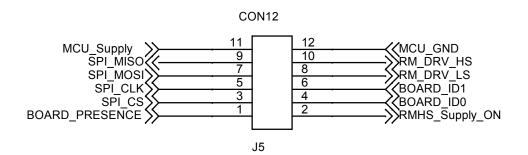


Figure 22. STEVAL-SILKTB01 circuit schematic (1 of 12)

Figure 23. STEVAL-SILKTB01 circuit schematic (2 of 12)

CON 7X2 pitch 2.54 90G





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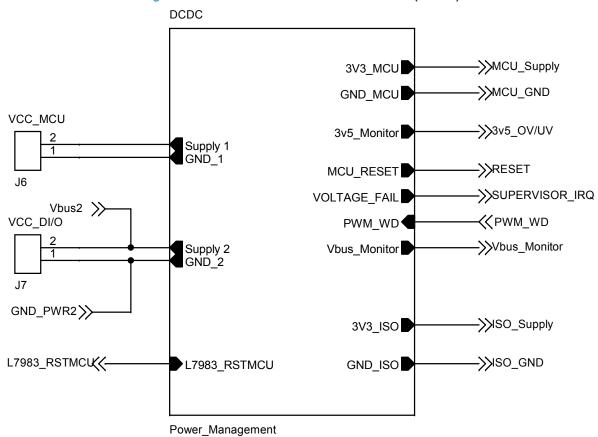
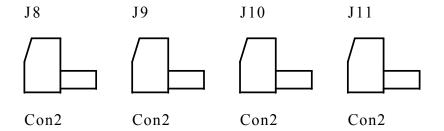


Figure 24. STEVAL-SILKTB01 circuit schematic (3 of 12)

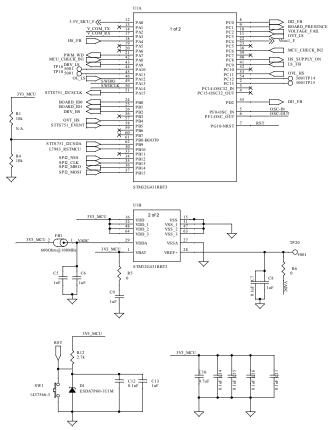
Figure 25. STEVAL-SILKTB01 circuit schematic (4 of 12)

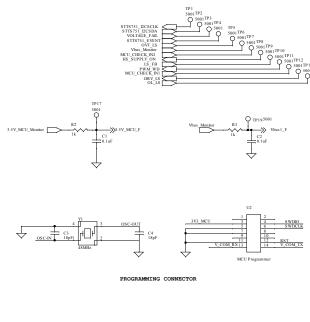


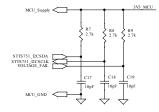
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Figure 26. STEVAL-SILKTB01 circuit schematic (5 of 12)



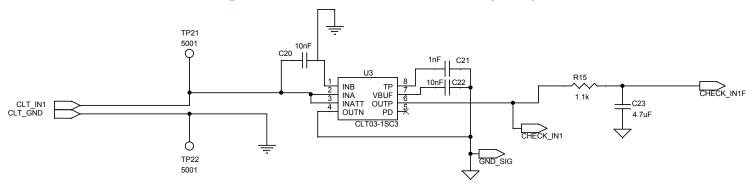


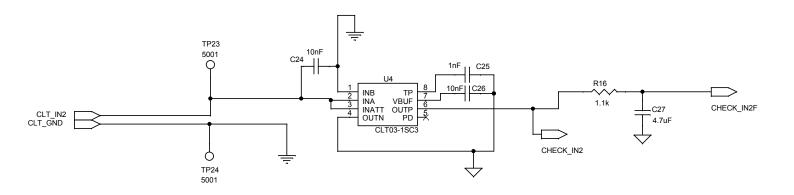


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Figure 27. STEVAL-SILKTB01 circuit schematic (6 of 12)





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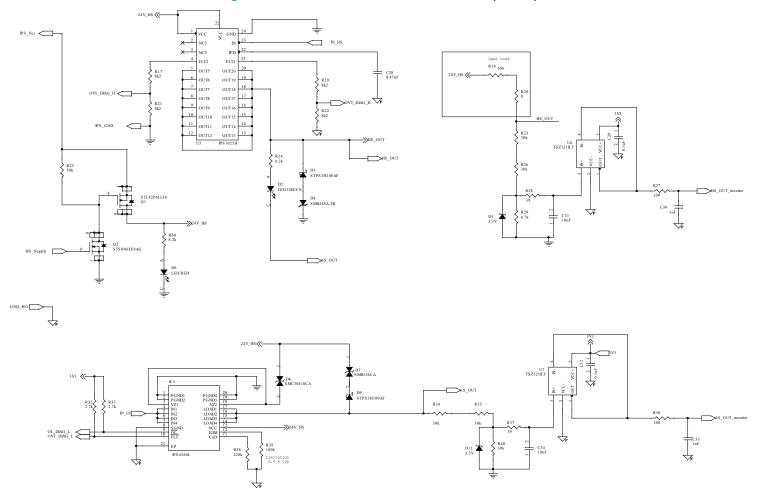
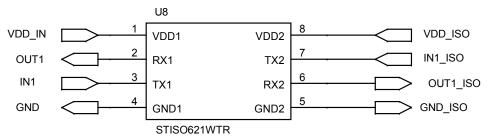
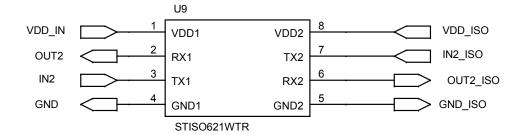


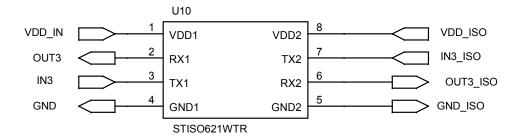
Figure 28. STEVAL-SILKTB01 circuit schematic (7 of 12)

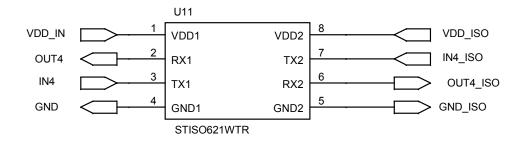
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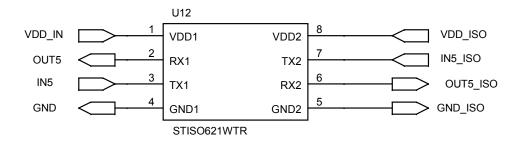
Figure 29. STEVAL-SILKTB01 circuit schematic (8 of 12)







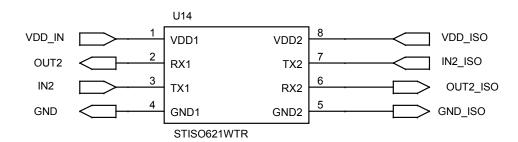


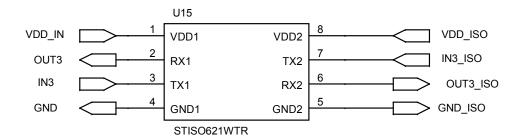


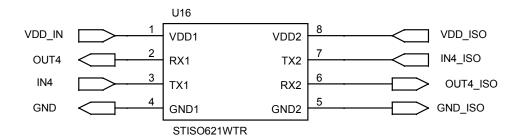
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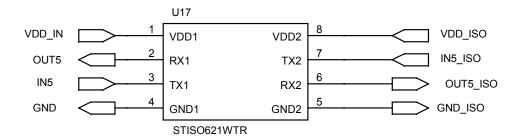
U13 VDD_IN VDD_ISO VDD1 VDD2 2 IN1_ISO OUT1 RX1 TX2 IN1 OUT1_ISO TX1 RX2 GND GND_ISO GND1 GND2 STISO621WTR

Figure 30. STEVAL-SILKTB01 circuit schematic (9 of 12)









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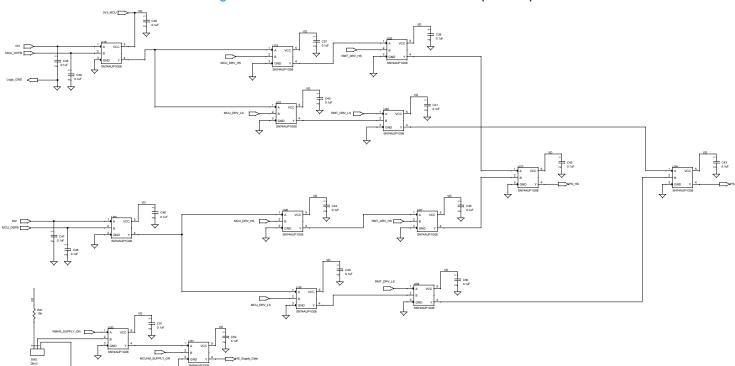
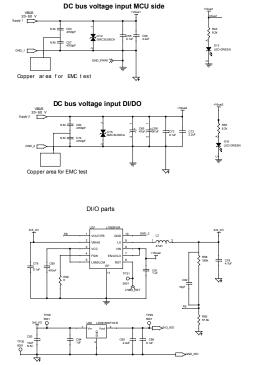
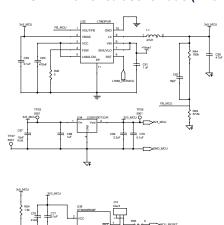
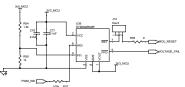


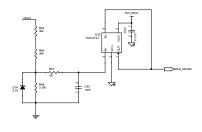
Figure 31. STEVAL-SILKTB01 circuit schematic (10 of 12)

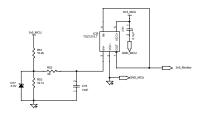
Figure 32. STEVAL-SILKTB01 circuit schematic (11 of 12)











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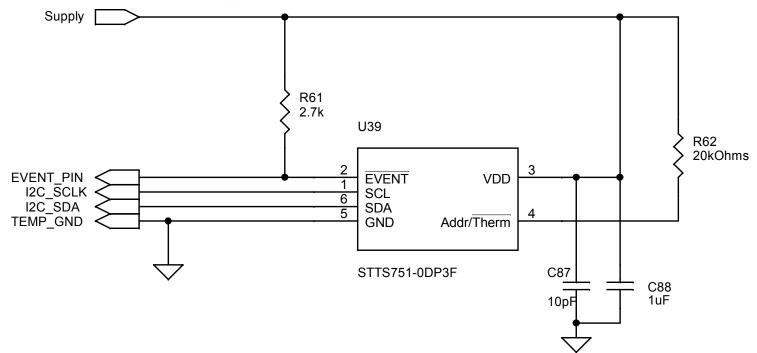


Figure 33. STEVAL-SILKTB01 circuit schematic (12 of 12)

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