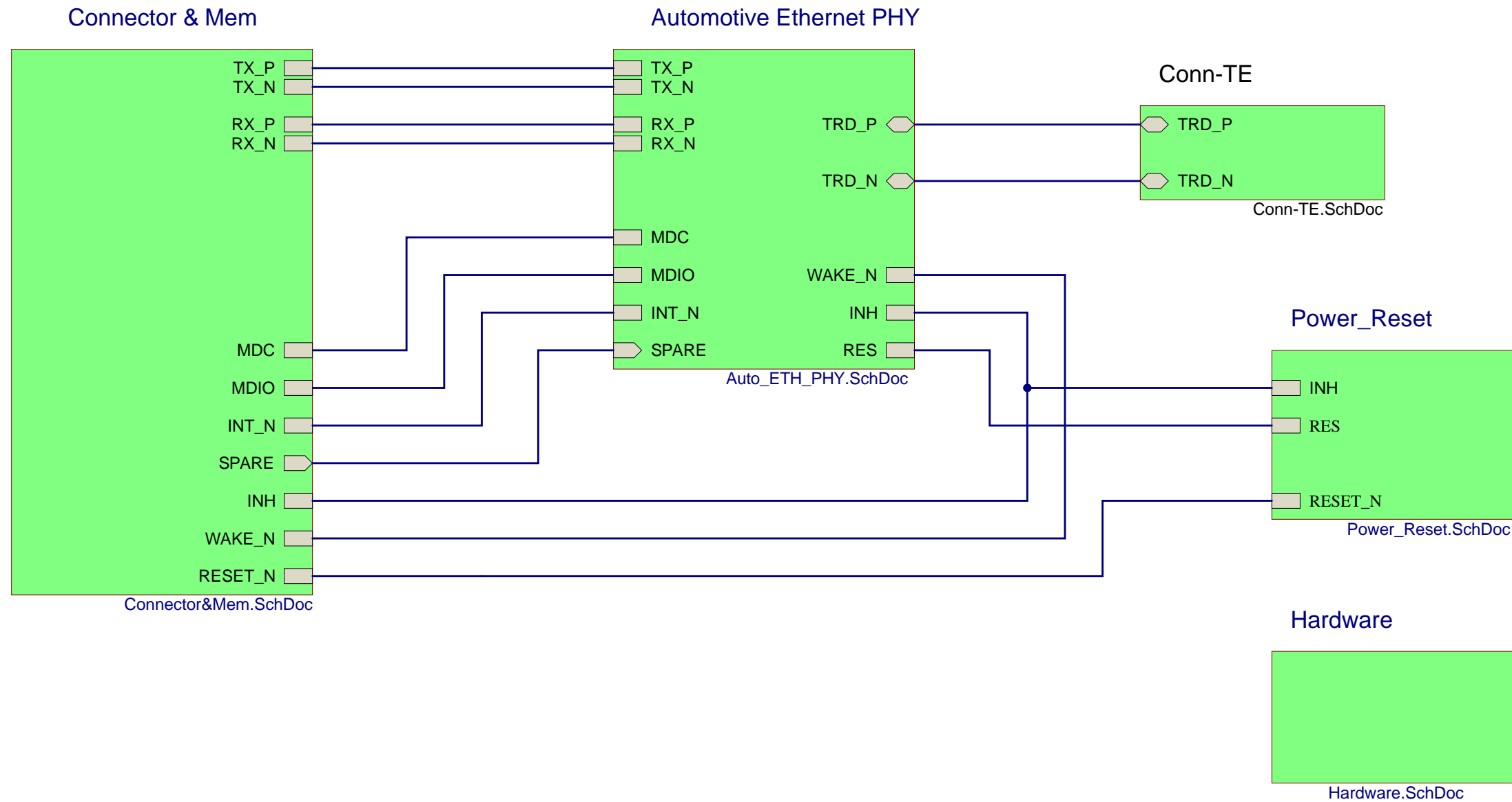
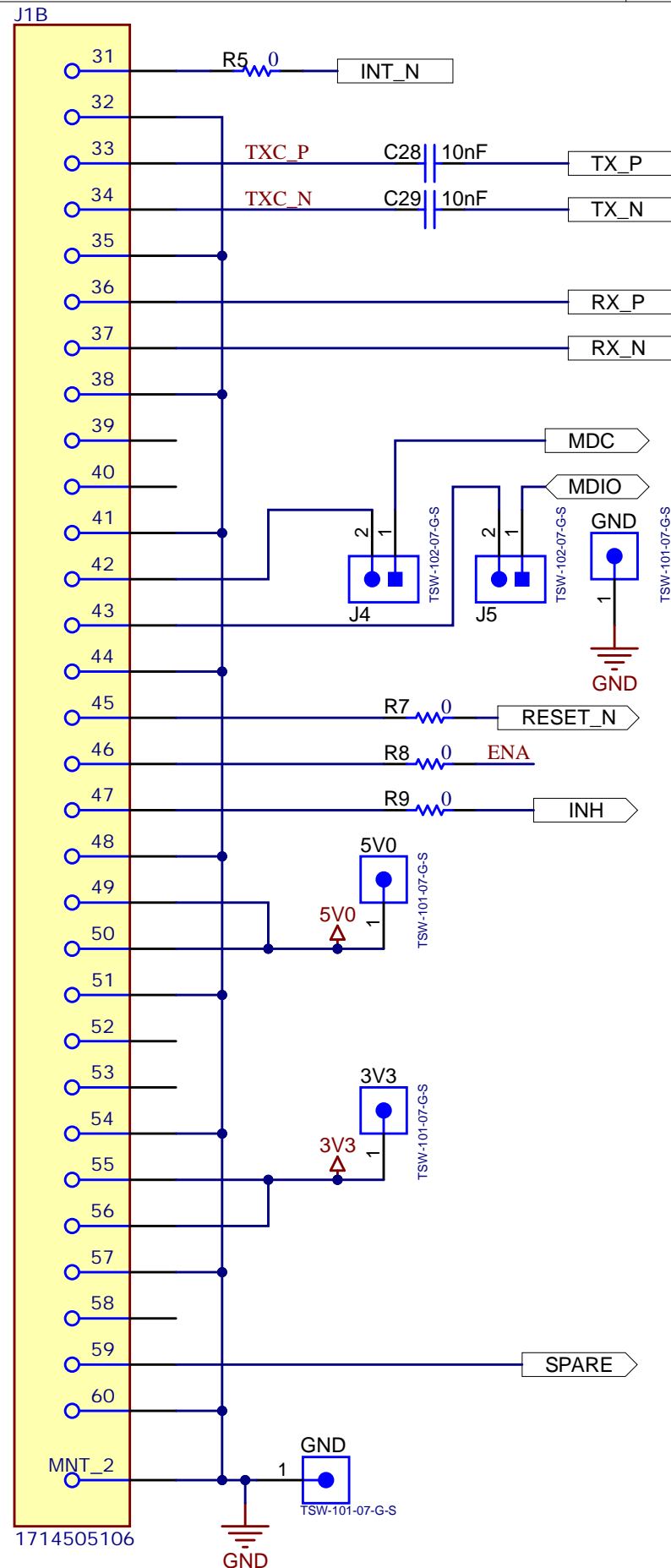
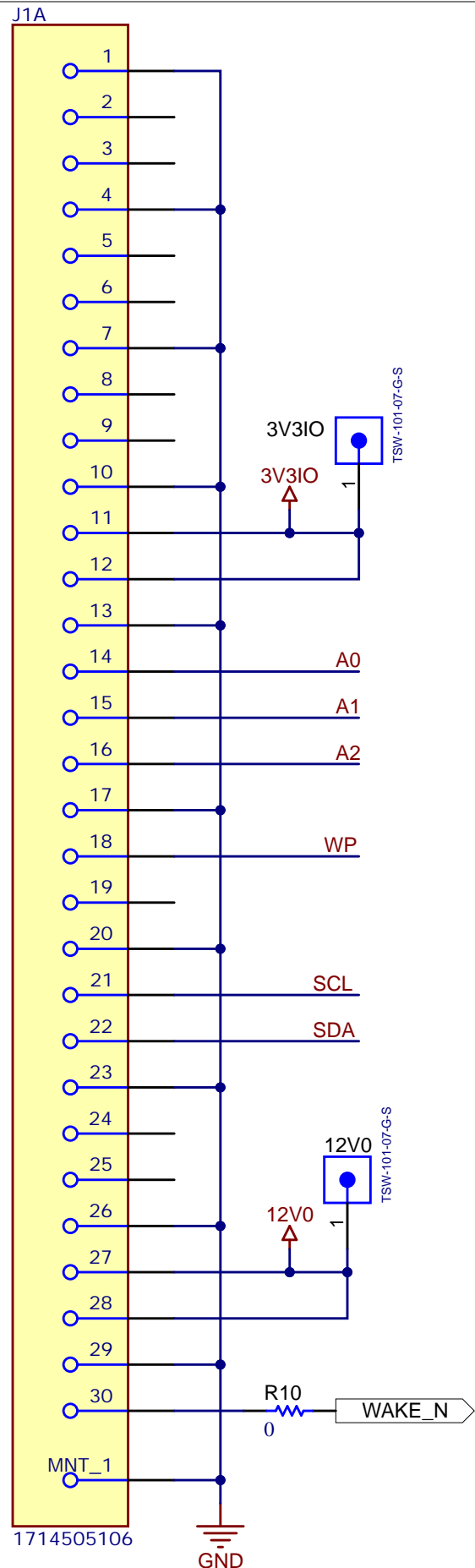


# TDA4 J7 Auto\_PHY-SGMII

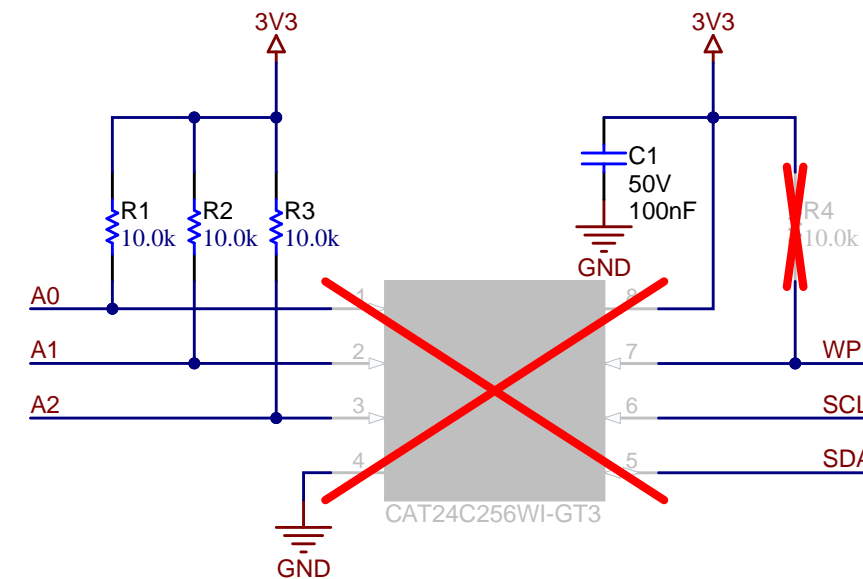


Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: <a href="#">N/A</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 3/21/2024
TID #: <a href="#">N/A</a>	Project Title: <a href="#">J7_Auto_PHY_SGMII</a>	
Number: <a href="#">TIDA-020072</a>	Rev: <a href="#">E1</a>	Sheet Title:
SVN Rev: <a href="#">Unknown revision</a>	Assembly Variant: <a href="#">DP83TC817</a>	Sheet: 1 of 7
Drawn By: <a href="#">Yannik Muendler</a>	File: <a href="#">Block.SchDoc</a>	Size: A4
Engineer: <a href="#">Yannik Muendler</a>	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

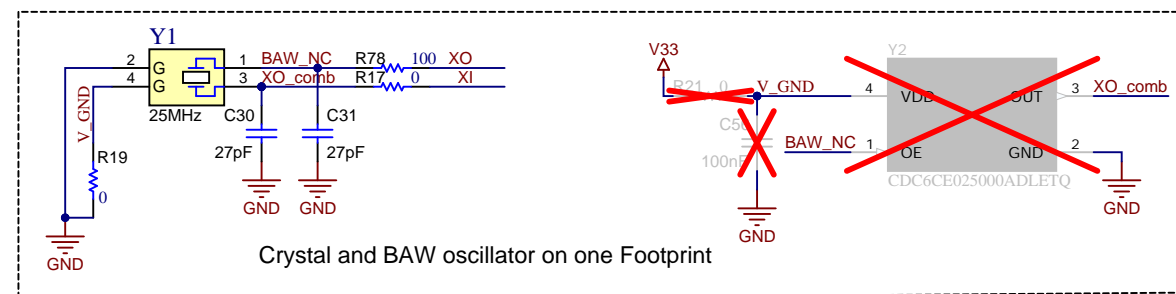
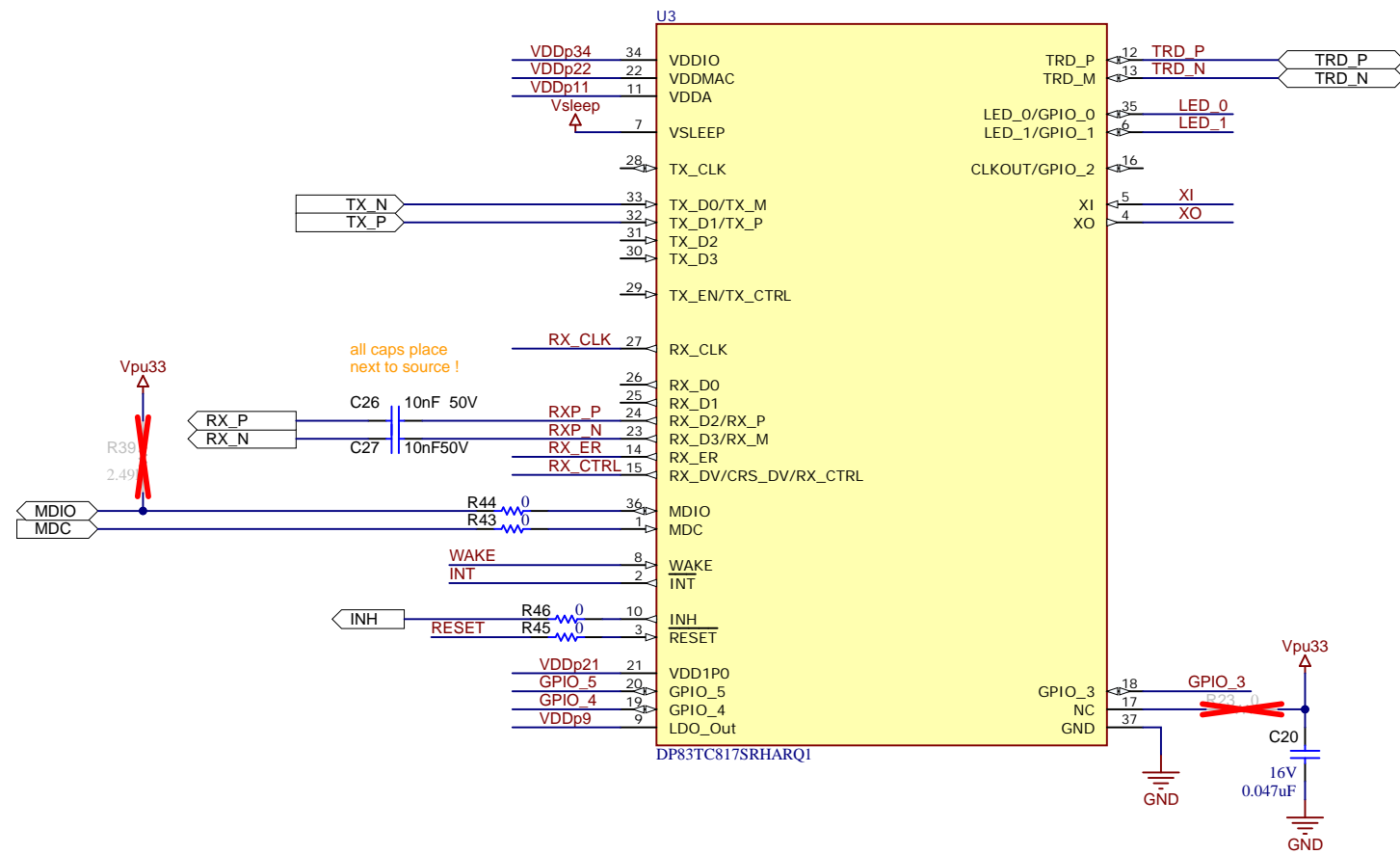
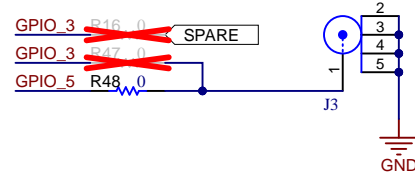
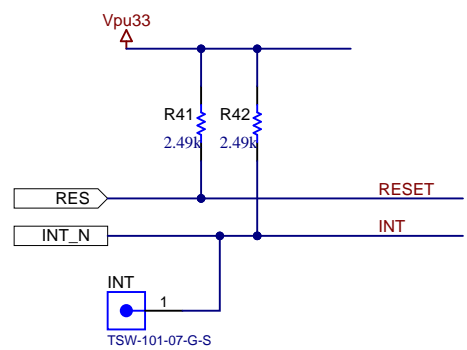
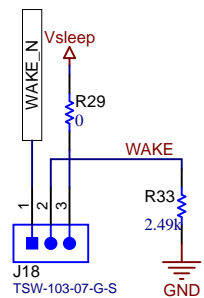
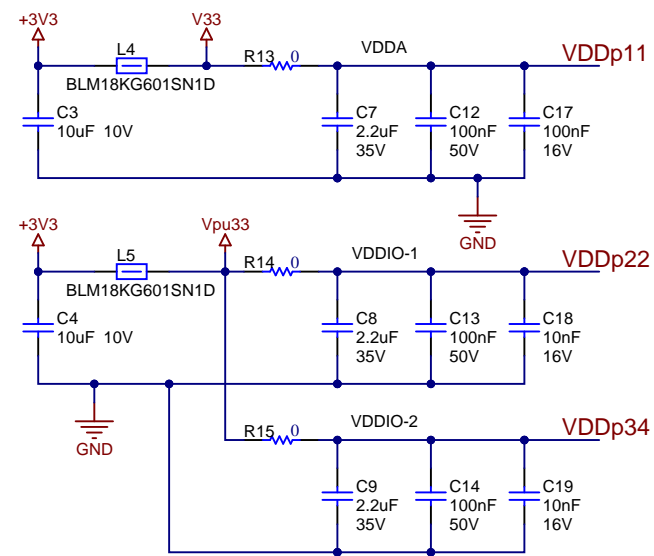
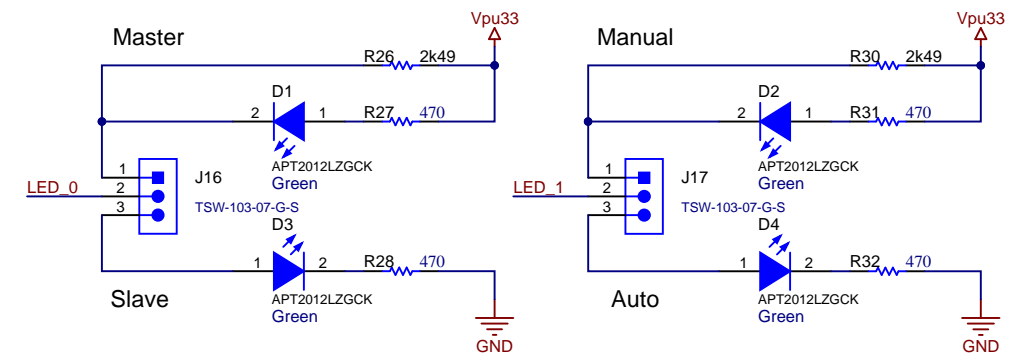
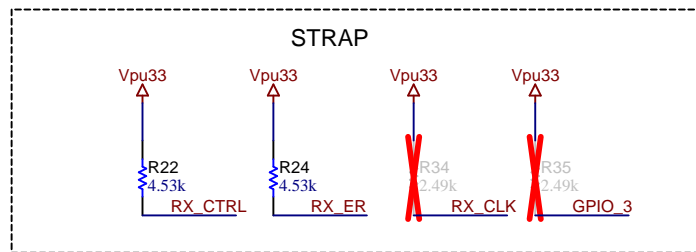
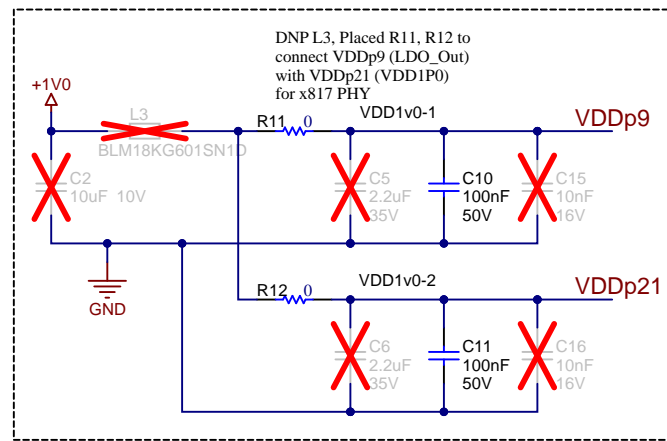


### BOARD ID EEPROM



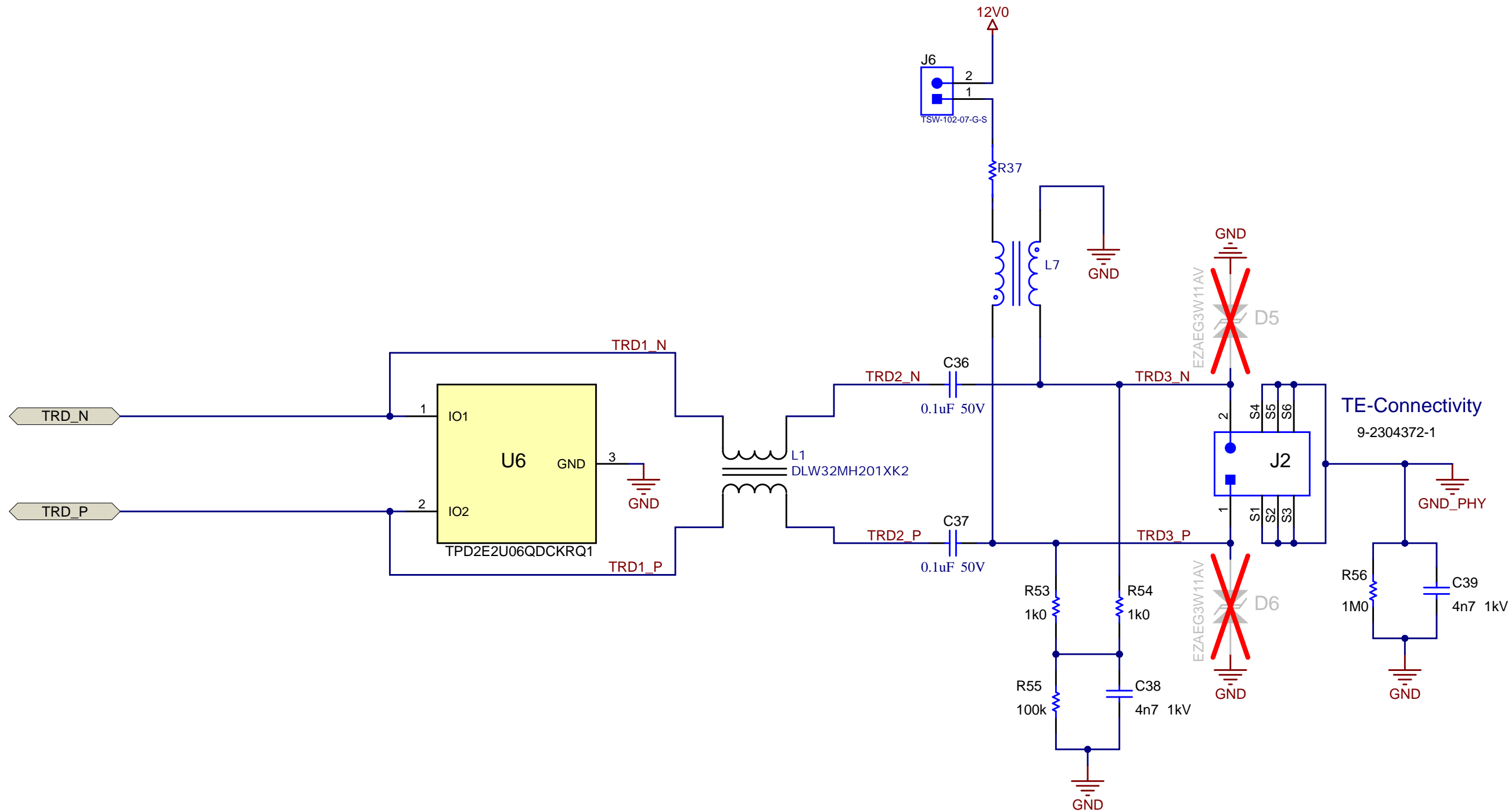
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: N/A	Designed for: Public Release	Mod. Date: 5/27/2024
TID #: N/A	Project Title: J7_Auto_PHY_SGMII	
Number: TIDA-020072	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: DP83TC817	Sheet: 2 of 7
Drawn By: Yannik Muendler	File: Connector&Mem.SchDoc	Size: A4
Engineer: Yannik Muendler	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



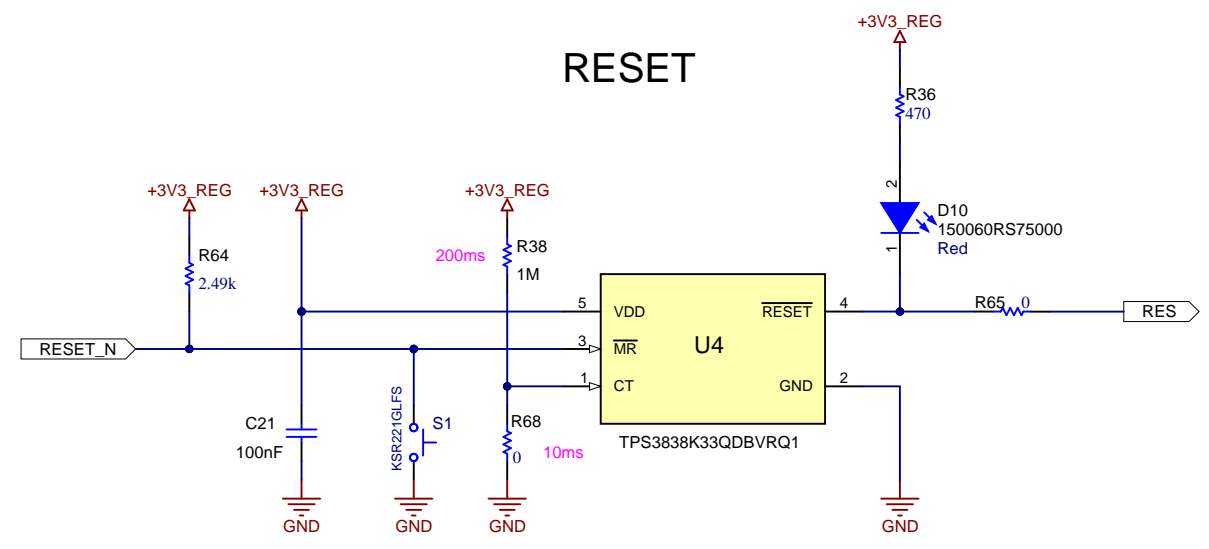
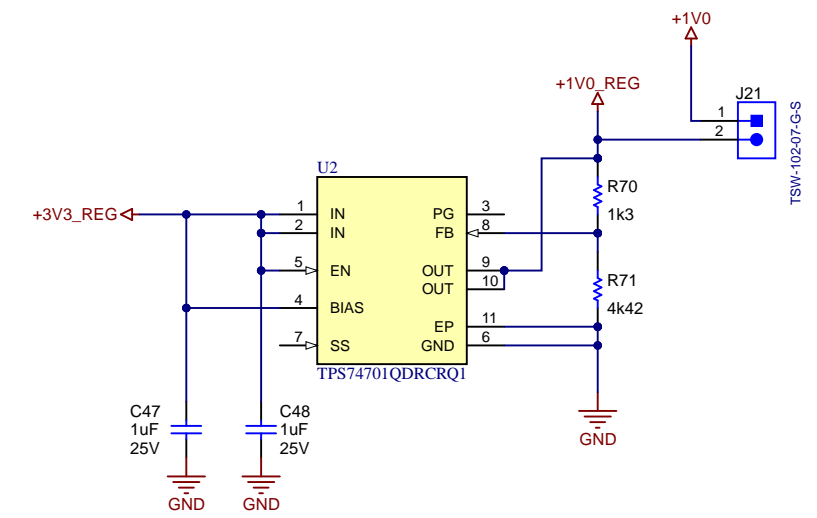
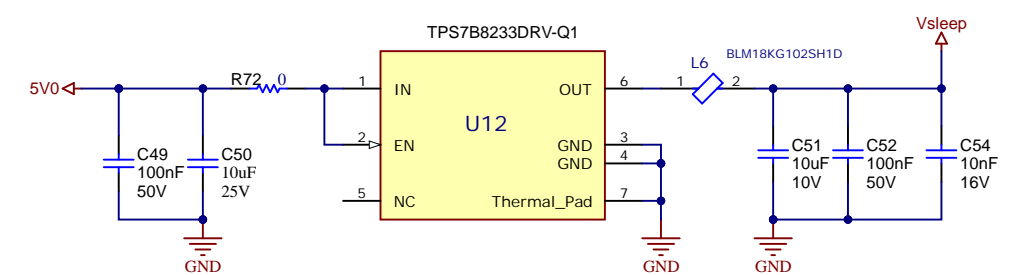
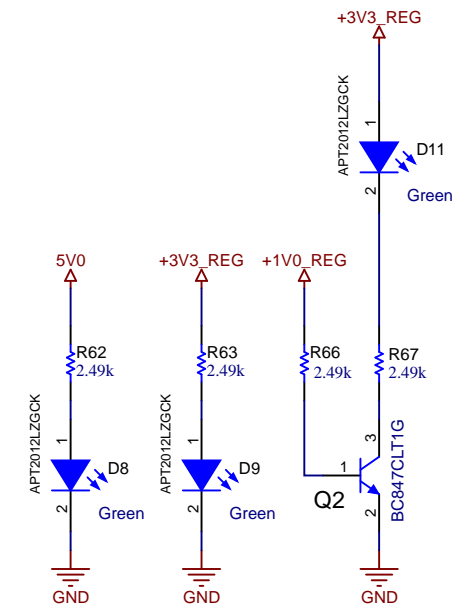
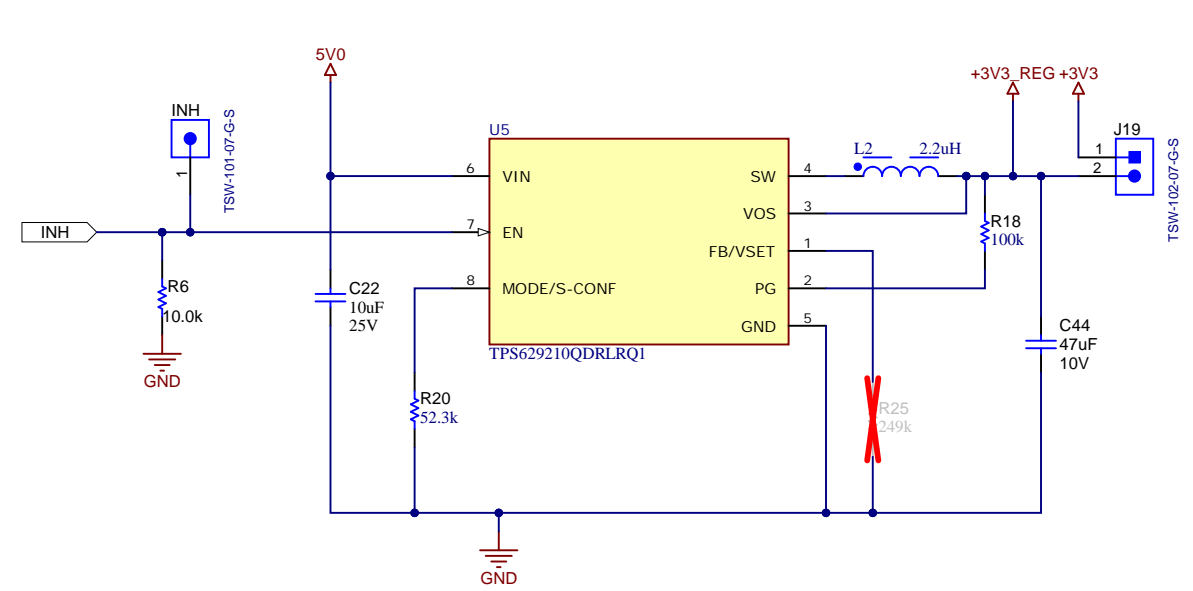
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: N/A	Designed for: Public Release	Mod. Date: 5/27/2024
TID #: N/A	Project Title: J7_Auto_PHY_SGMII	
Number: TIDA-020072	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: DP83TC817	Sheet: 3 of 7
Drawn By: Yannik Muendler	File: Auto_ETH_PHY_SchDoc	Size: A3
Engineer: Yannik Muendler	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



Orderable: N/A	Designed for: Public Release	Mod. Date: 5/23/2024
TID #: N/A	Project Title: J7_Auto_PHY_SGMII	
Number: TIDA-020072	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: DP83TC817	Sheet: 4 of 7
Drawn By: Yannik Muendler	File: Conn-TE.SchDoc	Size: A4
Engineer: Yannik Muendler	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

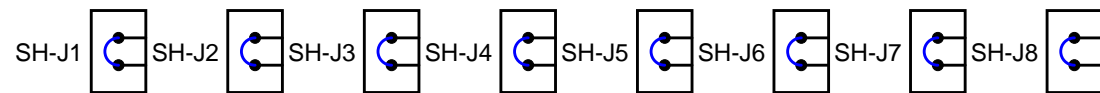
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.



Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: N/A	Designed for: Public Release	Mod. Date: 3/21/2024
TID #: N/A	Project Title: J7_Auto_PHY_SGMII	
Number: TIDA-020072	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: DP83TC817	Sheet: 5 of 7
Drawn By: Yannik Muendler	File: Power_Reset.SchDoc	Size: A3
Engineer: Yannik Muendler	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	





PCB Number: TIDA-020072  
PCB Rev: E1

PCB LOGO  
Texas Instruments

PCB LOGO  
FCC disclaimer

PCB LOGO  
WEEE logo

PCB LOGO  
Pb-Free Symbol

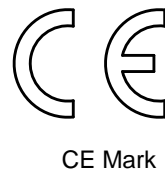
LBL1  
PCB Label  
THT-14-423-10  
Size: 0.65" x 0.20 "

ZZ1  
Label Assembly Note  
This Assembly Note is for PCB labels only

ZZ2  
Assembly Note  
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3  
Assembly Note  
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4  
Assembly Note  
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.



Variant/Label Table	
DP83TC812	DNP components for DP83TC812
DP83TG720	DNP components for DP83TG720
DP83TG721	DNP components for DP83TG721
DP83TC817	DNP components for DP83TC817

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: N/A	Designed for: Public Release	Mod. Date: 7/29/2024
TID #: N/A	Project Title: J7_Auto_PHY_SGMII	
Number: TIDA-020072	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: DP83TC817	Sheet: 7 of 7
Drawn By: Yannik Muendler	File: Hardware.SchDoc	Size: A4
Engineer: Yannik Muendler	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to [TI's Terms of Sale](#) or other applicable terms available either on [ti.com](https://www.ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2024, Texas Instruments Incorporated