



A

B

C

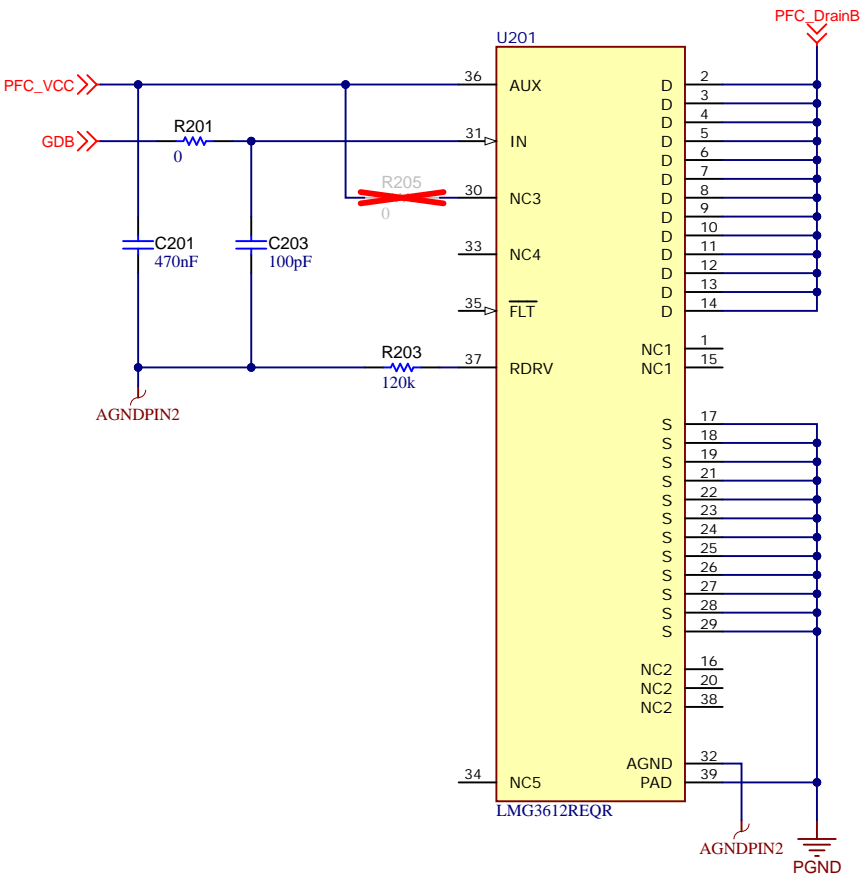
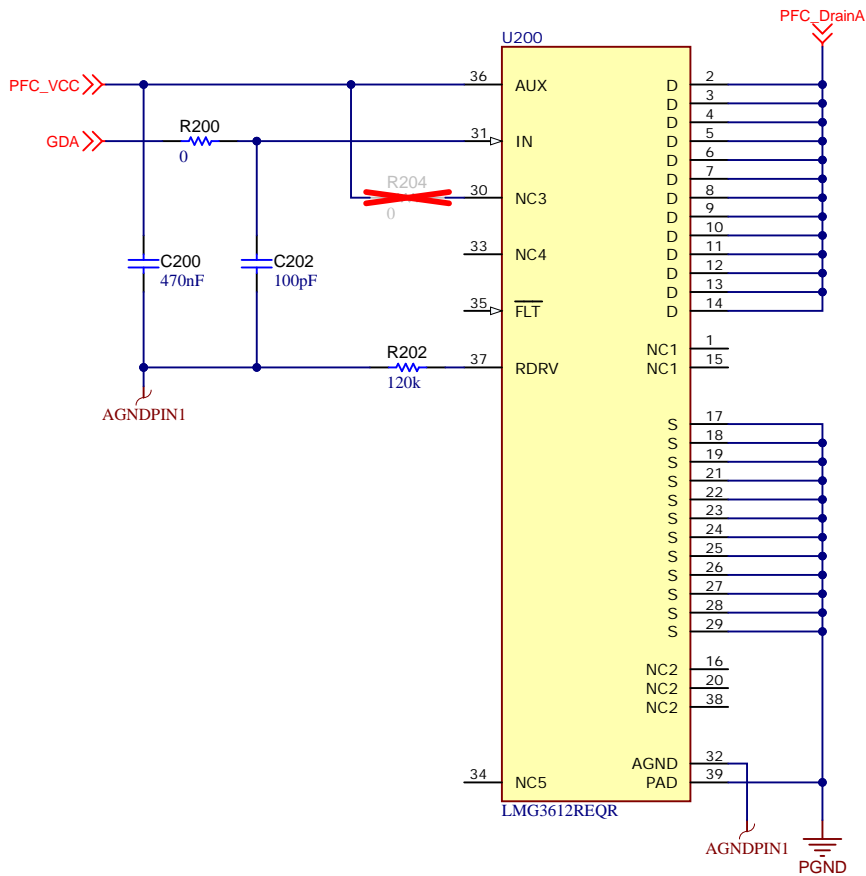
D

A

B

C

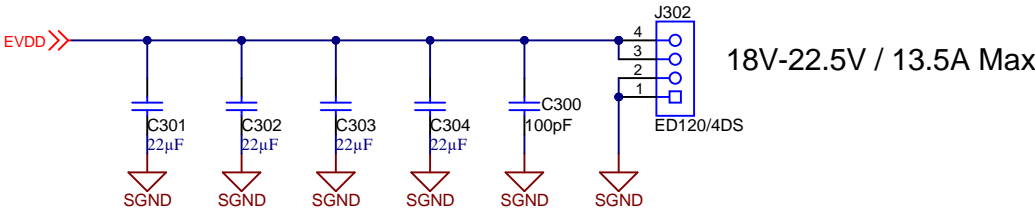
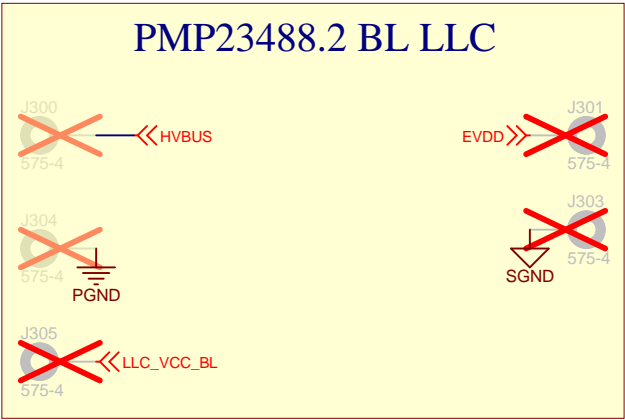
D



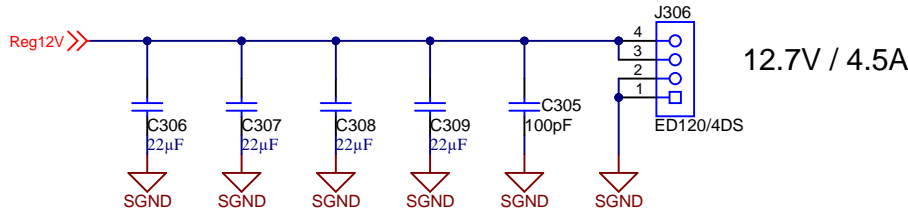
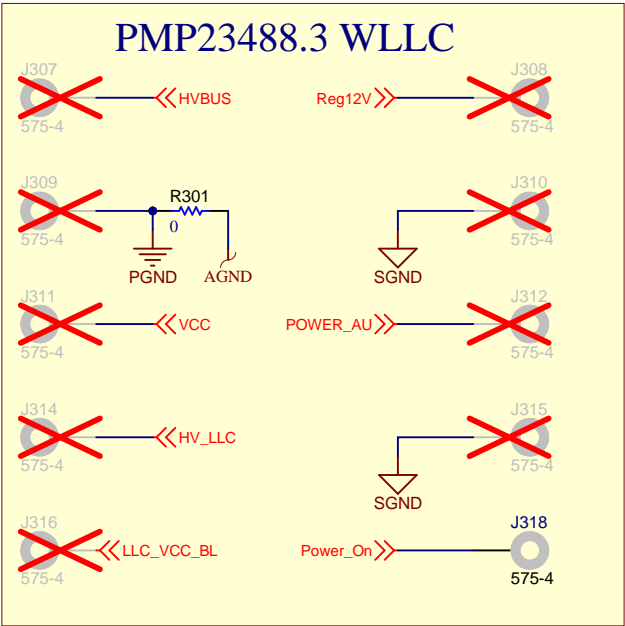
Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular 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="#">ChangeMe in variant</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 3/11/2026
TID #: <a href="#">N/A</a>	Project Title: <a href="#">AC/DC TV Power</a>	
Number: <a href="#">PMP23488</a>	Rev: <a href="#">B</a>	Sheet Title:
SVN Rev: <a href="#">Not in version control</a>	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">2</a> of <a href="#">5</a>
Drawn By:	File: <a href="#">PMP23488_PFC_GaN.SchDoc</a>	Size: <a href="#">B</a>
Engineer: <a href="#">Ben Lough</a>	Contact: <a href="#">http://www.ti.com/support</a>	

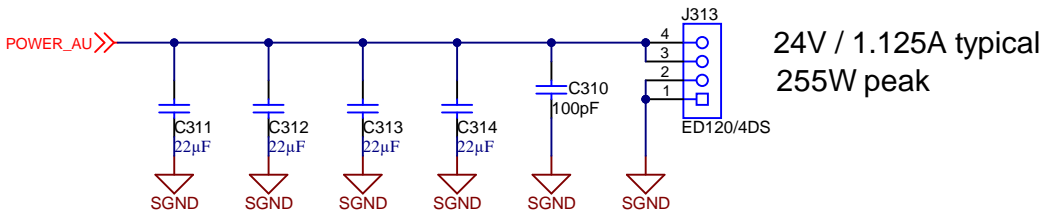
A



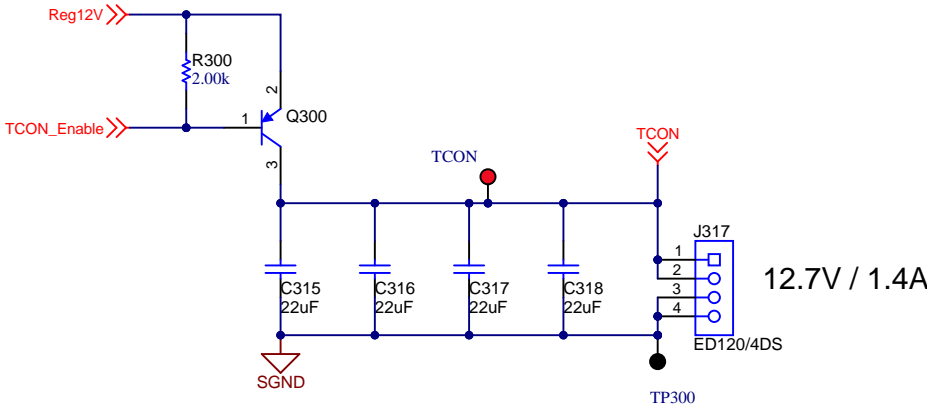
B



C



D



A

B

C

D

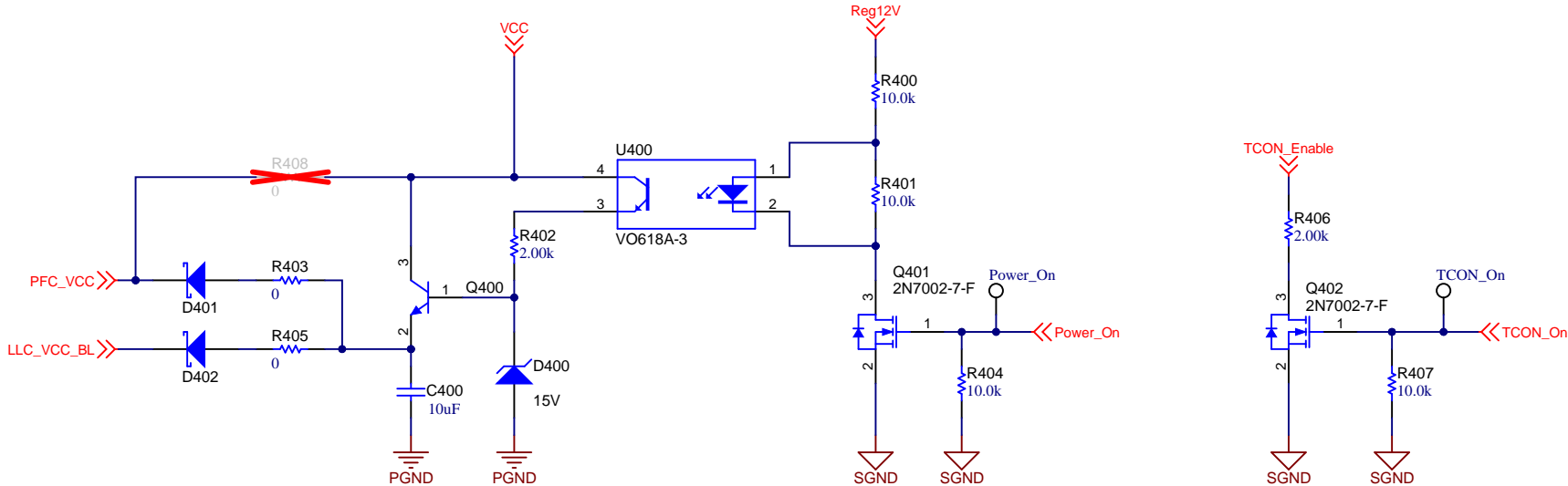
A

B

C

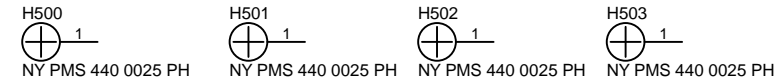
D

- Notes:
1. PFC turns on by Power\_On signal
  2. Backlight LLC turns on by Power\_On signal
  3. TCON turns on by TCON\_On signal



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="#">ChangeMe in variant</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 4/15/2026
TID #: <a href="#">N/A</a>	Project Title: <a href="#">AC/DC TV Power</a>	
Number: <a href="#">PMP23488</a>	Rev: <a href="#">B</a>	Sheet Title:
SVN Rev: <a href="#">Not in version control</a>	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">4</a> of <a href="#">5</a>
Drawn By:	File: <a href="#">Bias_&amp; Enable.SchDoc</a>	Size: <a href="#">B</a>
Engineer: <a href="#">Ben Lough</a>	Contact: <a href="#">http://www.ti.com/support</a>	



PCB Number: PMP23488

PCB Rev: B

PCB

LOGO

Texas Instruments



PCB

LOGO

FCC disclaimer

PCB

LOGO

WEEE logo

ZZ500

Label Assembly Note

This Assembly Note is for PCB labels only

ZZ501

Assembly Note

These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ502

Assembly Note


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

ZZ503

Assembly Note

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

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="#">ChangeMe in variant</a>		Designed for: <a href="#">Public Release</a>	Mod. Date: 1/11/2024
TID #: <a href="#">N/A</a>		Project Title: <a href="#">AC/DC TV Power</a>	
Number: <a href="#">PMP23488</a>	Rev: <a href="#">B</a>	Sheet Title:	
SVN Rev: <a href="#">Not in version control</a>		Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">5</a> of <a href="#">5</a>
Drawn By:		File: <a href="#">PMP23488_HW.SchDoc</a>	Size: B
Engineer: <a href="#">Ben Lough</a>		Contact: <a href="#">http://www.ti.com/support</a>	<div> <b>TEXAS INSTRUMENTS</b></div> <div><a href="#">http://www.ti.com</a></div> <div>© Texas Instruments 2024</div>