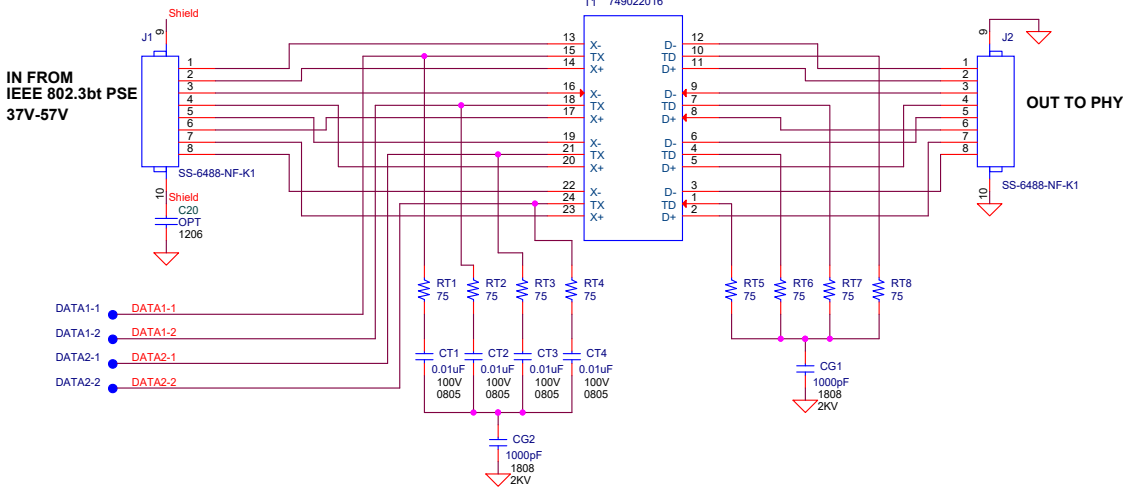
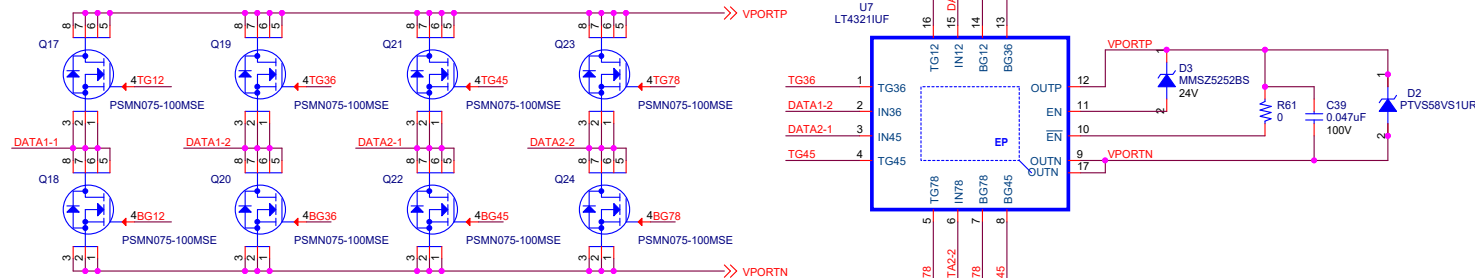


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
1	1	PRODUCTION	KAUNG H.	09-06-2016



PoE IDEAL DIODE BRIDGE



NOTES:
1. Unless otherwise noted, all resistors on this sheet are 0603, 5%

CUSTOMER NOTICE

LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

PCB DES. K. HTOO

APP ENG. K. HTOO

SCALE = NONE



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Milpitas, CA 95035
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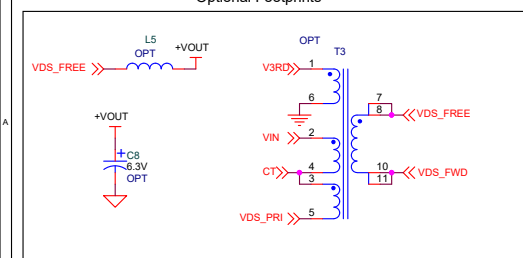
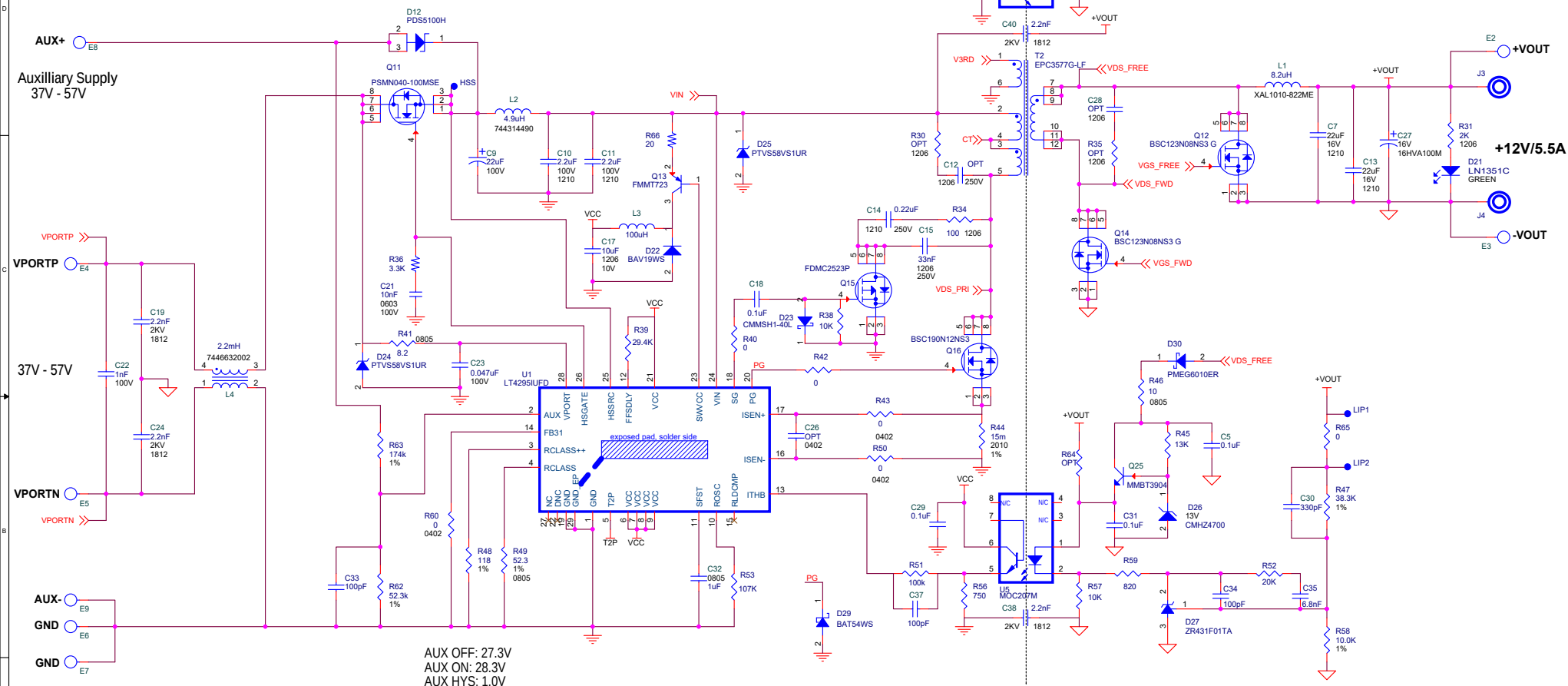
TITLE: SCHEMATIC
IEEE 802.3bt POWERED DEVICE INTERFACE
WITH FORWARD DC-DC CONVERTER

SIZE N/A IC NO. LT4295IUF, LT4321IUF
DEMO CIRCUIT 2584A-A REV. 1

DATE: Monday, February 27, 2017

SHEET 2 OF 3

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
1	1	PRODUCTION	KAUNG H.	09-06-2016



NOTES:

- NOTES:
1. Unless otherwise noted, all resistors on this sheet are 0603, 5%
 2. Unless otherwise noted, all capacitors on this sheet are 0603 and 50V

CUSTOMER NOTICE

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APPROVALS

PCB DES.	K. HTOO
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T	APP ENG.	K. HTOO
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SCALE = NONE



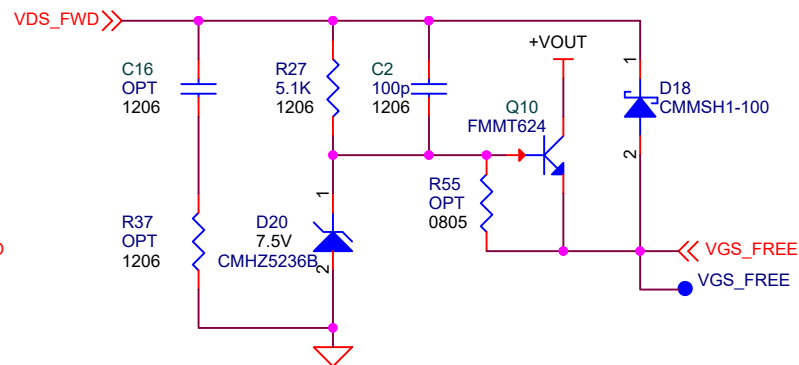
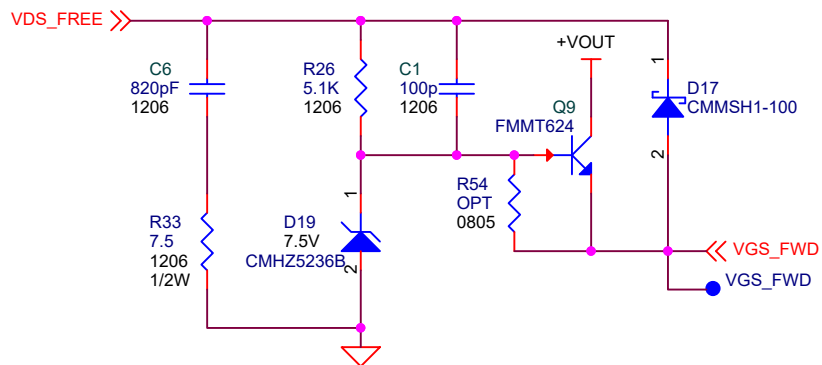
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TITLE: SCHEMATIC
IEEE 802.3bt POWERED DEVICE INTERFACE
WITH FORWARD DC-DC CONVERTER

SIZE N/A	IC NO. LT4295IUFD, LT4321IUF DEMO CIRCUIT 2584A-A	REV. 1
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DATE: Monday, February 27, 2017

[illegible]



CUSTOMER NOTICE

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THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

PCB DES. K. HTOO

APP ENG. K. HTOO

SCALE = NONE



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TITLE: SCHEMATIC
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WITH FORWARD DC-DC CONVERTER

SIZE N/A IC NO. LT4295IUFD, LT4321IUF
DEMO CIRCUIT 2584A-A

REV.
1

DATE: Monday, February 27, 2017

SHEET 3 OF 3