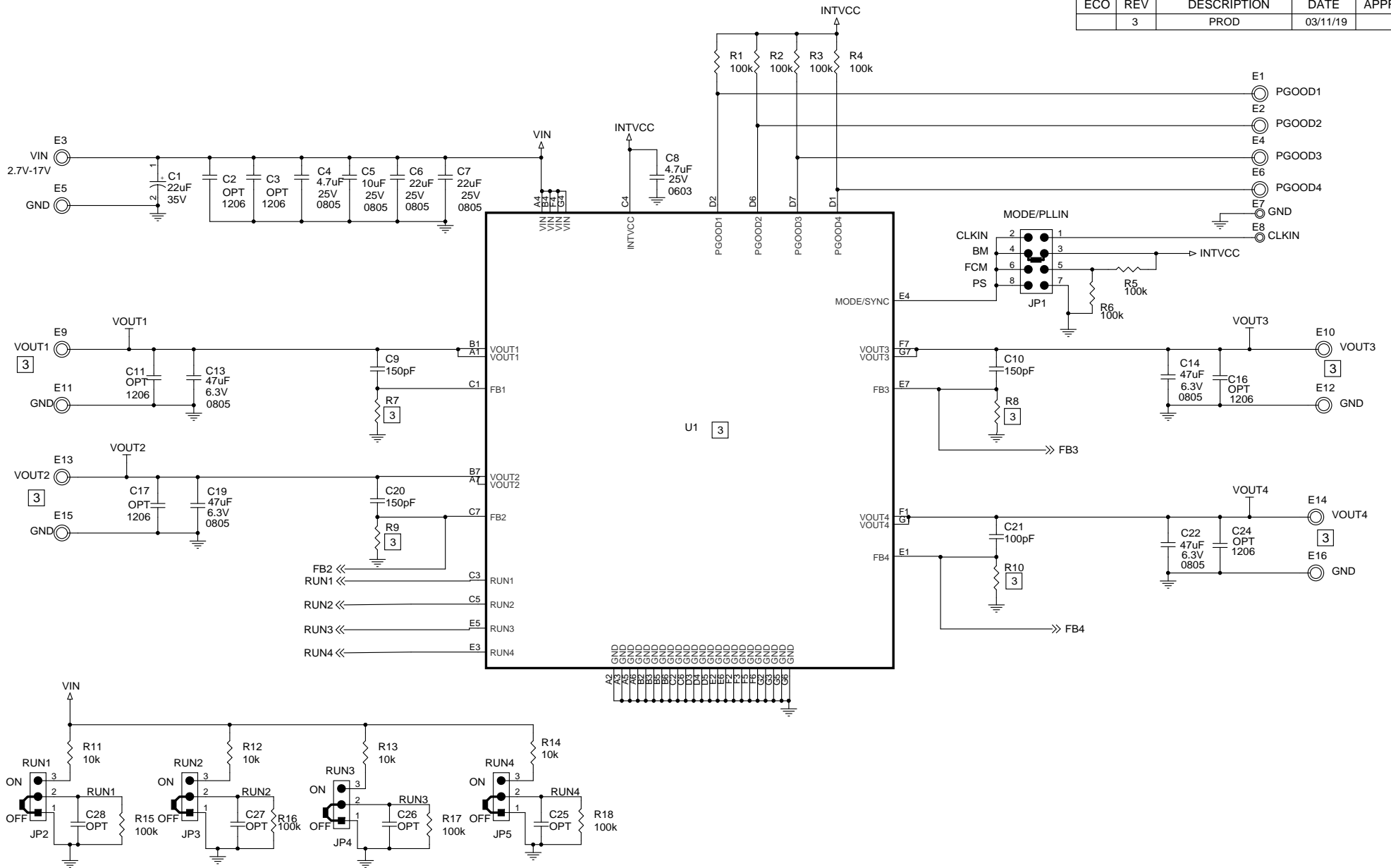


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROD	03/11/19	



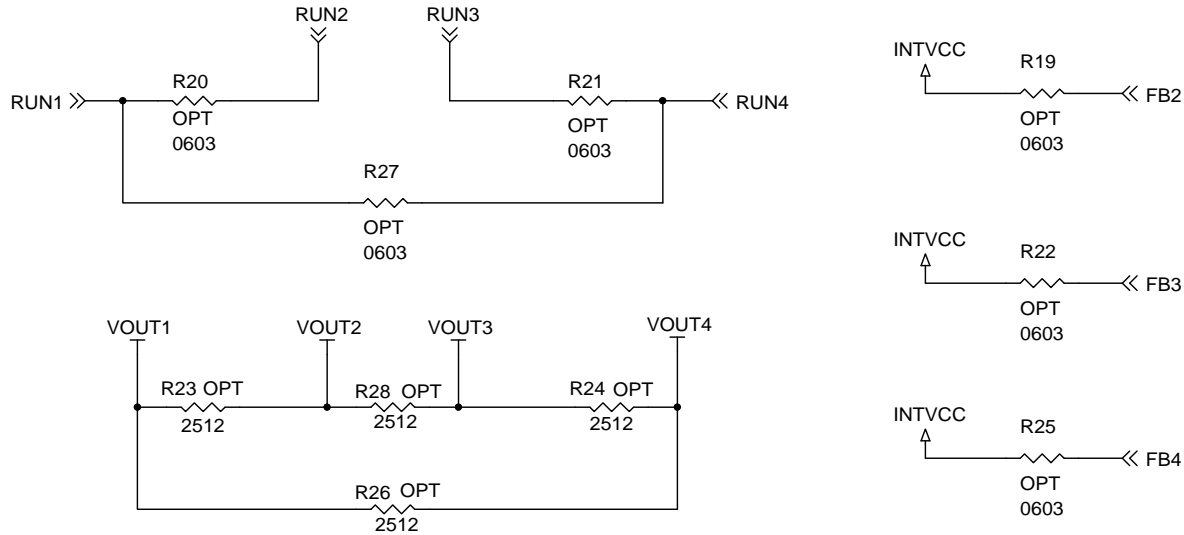
NOTES: UNLESS OTHERWISE SPECIFIED:

1. All Resistors and Capacitors are 0603
2. For paralleling phases, please see page 2

VERSION	VOUT				RFB				U1	Fsw	IOUT MAX
	VOUT1	VOUT2	VOUT3	VOUT4	R7	R9	R8	R10			
-A	1.0V	1.2V	1.5V	1.8V	90.6k	60.4k	40.2k	30.1k	LTM4668	1MHz	1.2A
-B	1.8V	2.5V	3.3V	5.0V	30.1k	19.1k	13.3k	8.25k	LTM4668A	2.25MHz	1.2A

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR		1630 McCarthy Blvd. Milpitas, CA 95035	
ANALOG DEVICES INC. 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 ANALOG DEVICES INC. APPLICATIONS ENGINEERING FOR ASSISTANCE.		PCB DES.	<i>MS</i>	www.analog.com		www.linear.com		Phone: 1-408-432-1900	
For ADI Customer Use Only		APP ENG.	<i>MS</i>	IC NO. LTM4668		TITLE: DEMO CIRCUIT SCHEMATIC, TINY QUAD STEP-DOWN μMODULE REGULATOR			
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES INC. AND SUPPLIED FOR USE WITH ANALOG DEVICES INC. PARTS.		SKU NO. DC2785A-A/B		PCA BOM: 700-DC2785A_REV03		SCHEMATIC NO. AND REVISION: 710-DC2785A_REV03			
SIZE: N/A	SCALE: NONE	DATE: Monday, March 11, 2019		SHEET 1 OF 2					

OPTIONAL JUMPERS FOR PARALLELING PHASES FOR DESIRED NUMBER OF OUTPUT VOLTAGE RAILS



NUMBER OF OUTPUT VOLTAGE RAILS	Paralleling Channel	Master Channel	0 OHM (Required)
QUAD 1.25A	4	1/2/3/4	
TRIPLE 2.5A/1.25A/1.25A	3	1+2/3/4	R20, R23, R19
DUAL 2.5A/2.5A	2	1+2/3+4	R20, R23, R21, R24, R19, R22
TRIPLE 2.5A/1.25A/1.25A	2	1+2+4/3	R20, R23, R27, R26, R19, R25
SINGLE 4A	1	1+2+3+4	R20, R21, R27, R23, R24, R26, R19, R22, R25

NOTE:
Please refer to the data sheet and demo board manual for more details and examples of paralleling phases to obtain the desired number of output voltage rails.

<p align="center">CUSTOMER NOTICE</p> <p>ANALOG DEVICES INC. 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 ANALOG DEVICES INC. APPLICATIONS ENGINEERING FOR ASSISTANCE.</p>		<p align="center">APPROVALS</p>				1630 McCarthy Blvd. Milpitas, CA 95035 Phone: 1-408-432-1900
		PCB DES.	<i>MS</i>			
<p align="center">For ADI Customer Use Only</p> <p>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES INC. AND SUPPLIED FOR USE WITH ANALOG DEVICES INC. PARTS.</p>		<p align="center">IC NO. LTM4668</p>		<p align="center">TITLE: DEMO CIRCUIT SCHEMATIC, TINY QUAD STEP-DOWN μMODULE™ REGULATOR</p>		
		<p align="center">SKU NO. DC2785A</p>		PCA BOM: 700-DC2785A_REV03 PCA ASS'Y: 705-DC2785A_REV03		SCHEMATIC NO. AND REVISION: 710-DC2785A_REV03
SIZE: N/A	SCALE = NONE	DATE: Monday, March 11, 2019		SHEET 2 OF 2		