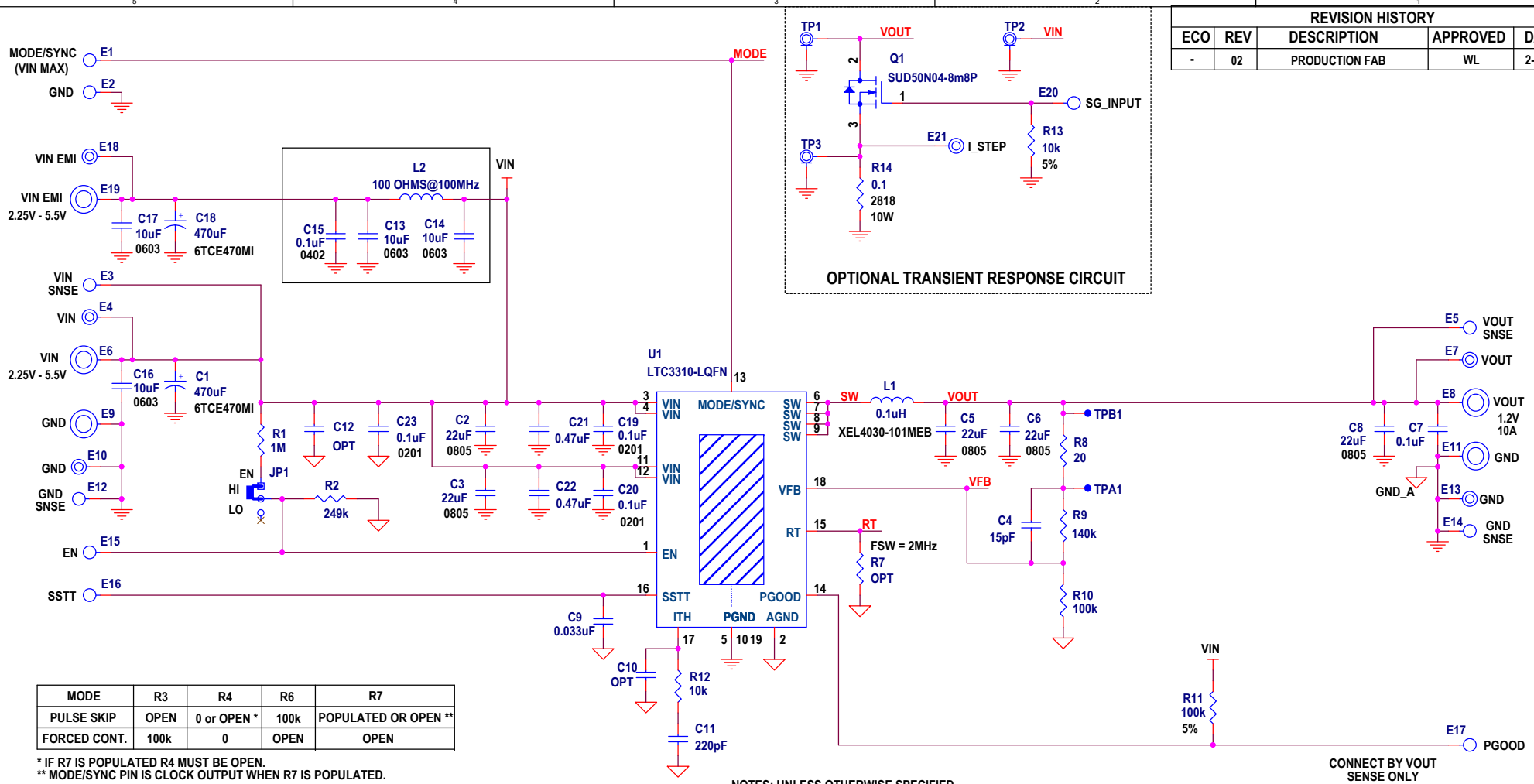
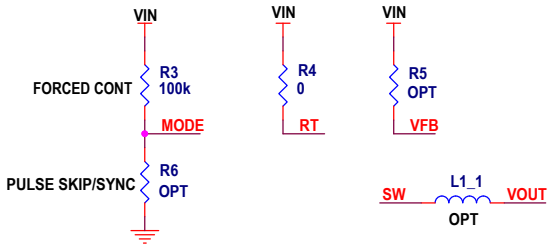


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	02	PRODUCTION FAB	WL	2-3-2020

MODE	R3	R4	R6	R7
PULSE SKIP	OPEN	0 or OPEN *	100k	POPULATED OR OPEN **
FORCED CONT.	100k	0	OPEN	OPEN

* IF R7 IS POPULATED R4 MUST BE OPEN.
** MODE/SYNC PIN IS CLOCK OUTPUT WHEN R7 IS POPULATED.



NOTES: UNLESS OTHERWISE SPECIFIED
1. RESISTORS: OHMS, 0402, 1%, 1/16W
2. CAPACITORS: 0402

PCA ADDITIONAL PARTS

MP1	STANDOFF,NYLON,SNAP-ON,0.50"
MP2	STANDOFF,NYLON,SNAP-ON,0.50"
MP3	STANDOFF,NYLON,SNAP-ON,0.50"
MP4	STANDOFF,NYLON,SNAP-ON,0.50"
LB1	LABEL
PCB1	PCB, DC3042A REV02
STNCL1	TOOL, STENCIL, 700-DC3042A REV02

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.	N. CARLONE
APP ENG.	M.MERCHANT

IC NO. LTC3310

SKU NO. DC3042A

ANALOG DEVICES | POWER BY LINEAR™ www.analog.com

TITLE: DEMO CIRCUIT SCHEMATIC,
5V, 10A SYNCHRONOUS STEP-DOWN SILENT SWITCHER IN 3mm x3mm LQFN

SIZE:	PCA ASS'Y DWG:	SCHEMATIC NO. AND REVISION:
SCALE = NONE	705-DC3042A_REV0	710-DC3042A_REV02

DATE: Tuesday, February 04, 2020 SHEET 1 OF 1