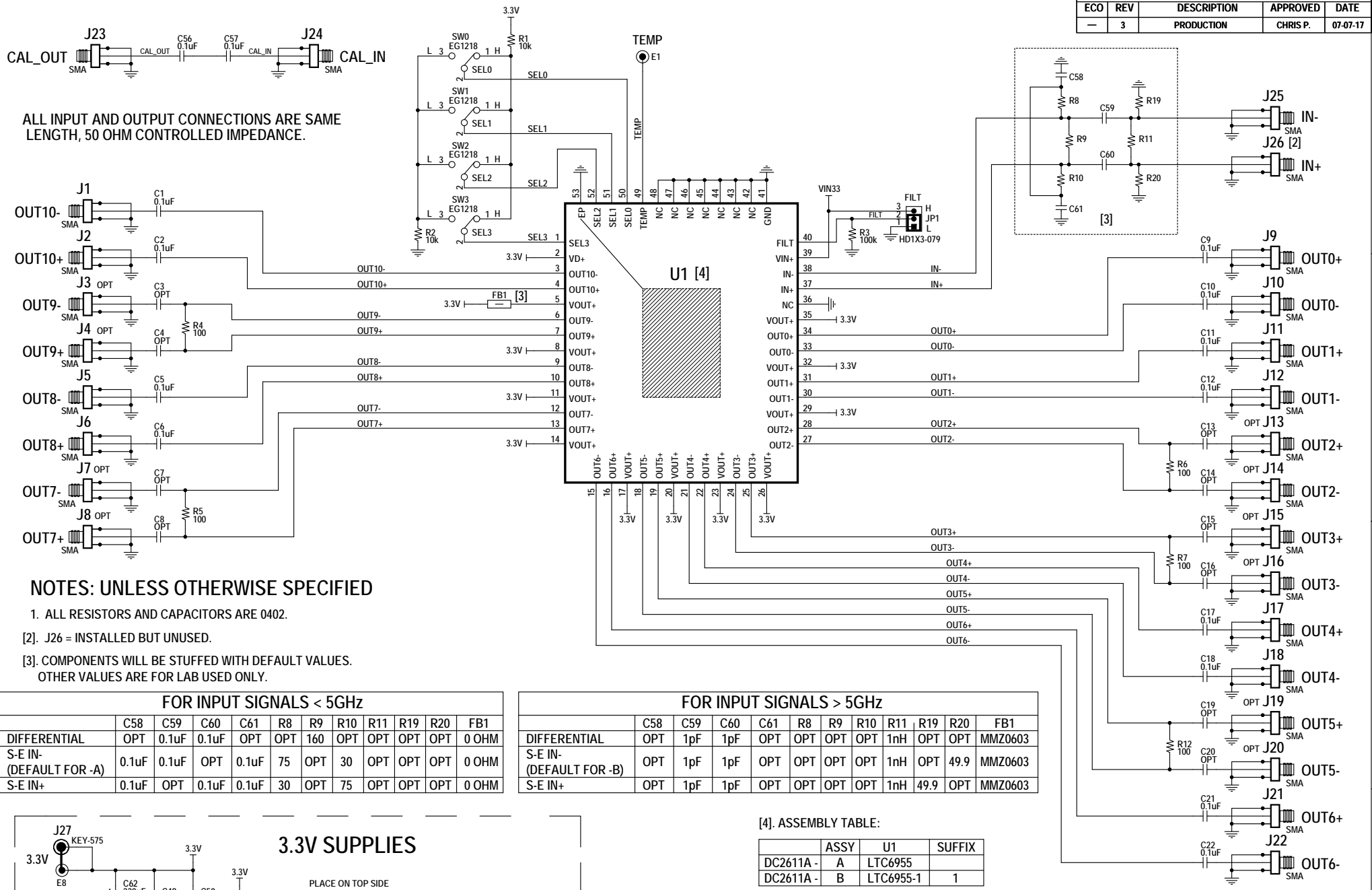


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION	CHRIS P.	07-07-17



ALL INPUT AND OUTPUT CONNECTIONS ARE SAME LENGTH, 50 OHM CONTROLLED IMPEDANCE.

NOTES: UNLESS OTHERWISE SPECIFIED

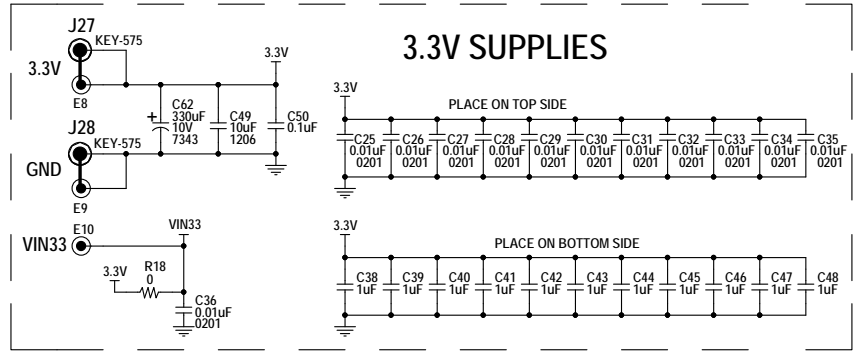
- 1. ALL RESISTORS AND CAPACITORS ARE 0402.
- 2]. J26 = INSTALLED BUT UNUSED.
- 3]. COMPONENTS WILL BE STUFFED WITH DEFAULT VALUES. OTHER VALUES ARE FOR LAB USED ONLY.

FOR INPUT SIGNALS < 5GHz

	C58	C59	C60	C61	R8	R9	R10	R11	R19	R20	FB1
DIFFERENTIAL	OPT	0.1uF	0.1uF	OPT	OPT	160	OPT	OPT	OPT	OPT	0 OHM
S-E IN- (DEFAULT FOR -A)	0.1uF	0.1uF	OPT	0.1uF	75	OPT	30	OPT	OPT	OPT	0 OHM
S-E IN+	0.1uF	OPT	0.1uF	0.1uF	30	OPT	75	OPT	OPT	OPT	0 OHM

FOR INPUT SIGNALS > 5GHz

	C58	C59	C60	C61	R8	R9	R10	R11	R19	R20	FB1
DIFFERENTIAL	OPT	1pF	1pF	OPT	OPT	OPT	OPT	1nH	OPT	OPT	MMZ0603
S-E IN- (DEFAULT FOR -B)	OPT	1pF	1pF	OPT	OPT	OPT	OPT	1nH	OPT	49.9	MMZ0603
S-E IN+	OPT	1pF	1pF	OPT	OPT	OPT	OPT	1nH	49.9	OPT	MMZ0603



[4]. ASSEMBLY TABLE:

	ASSY	U1	SUFFIX
DC2611A -	A	LTC6955	
DC2611A -	B	LTC6955-1	1

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.	KIM T.
APP ENG.	CHRIS P.

LINEAR TECHNOLOGY

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TITLE: SCHEMATIC

ULTRALOW JITTER 11 OUTPUT FANOUT BUFFER

SIZE	IC NO.	REV.
N/A	LTC6955IUQG, LTC6955IUKG-1	3

DATE: Friday, July 07, 2017

SCALE = NONE

SHEET 1 OF 1