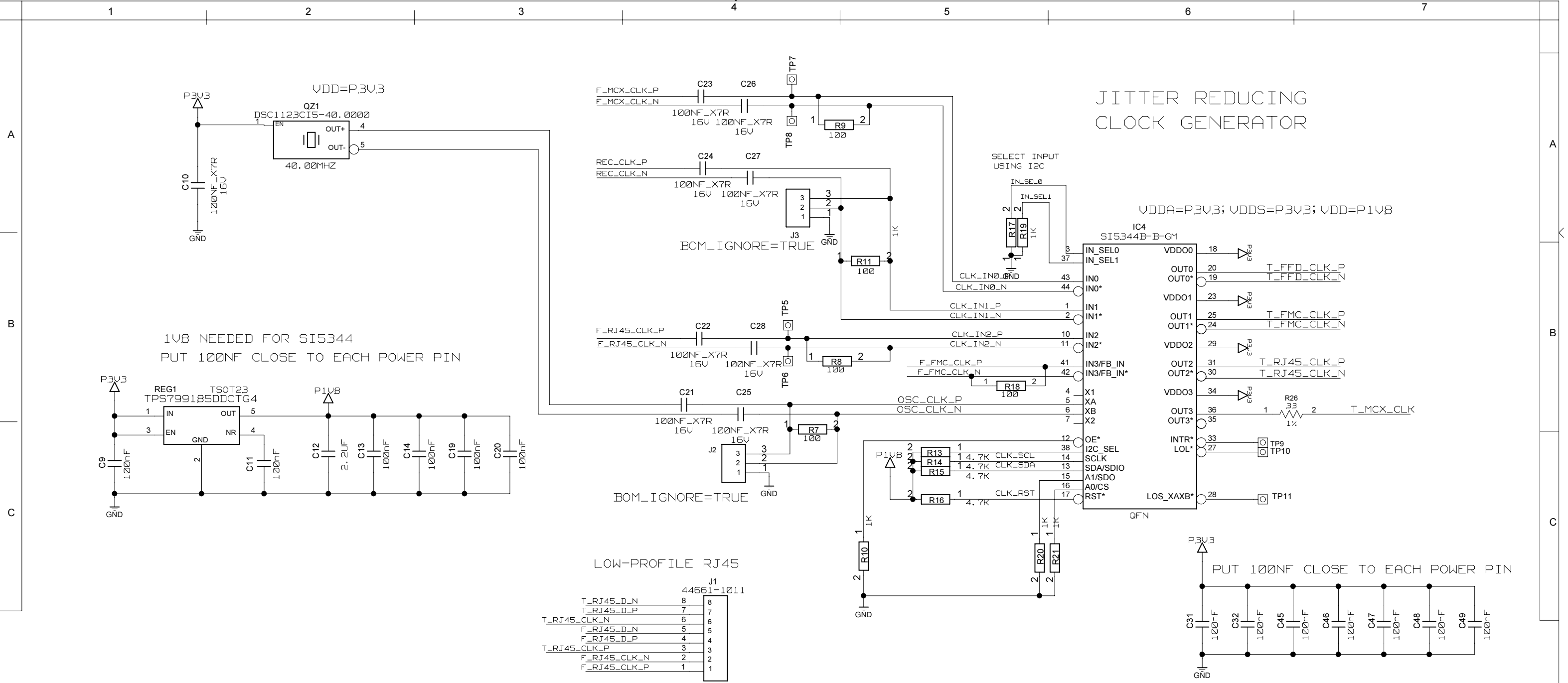


A	2
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	Mon Oct 24 13:06:07 2016					
			P. BAESSO	D. CUSSANS		DRAFT
ISSUE	DATE	MOD NO.	DRN BY.	CHKD.	APPD.	STATUS

USED ON

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UNIVERSITY OF BRISTOL  
HIGH ENERGY PHYSICS GROUP

H.H.WILLS PHYSICS LAB, TYNDALL AVE, BRISTOL, BS8 1TL.

TITLE

uob\_hep\_pc053a\_lib

MODULE:

pc053a\_toplevel

PROTODUNE TIMING/SYNC TEST FMC  
CLOCK GENERATOR , RJ45 CONNECTORS

DIODE VF ~ 2.2V  
--> DROP ACROSS RESISTOR = 3.3 - 2.2 = 1.1V  
WANT < 25MA --> R > 1.1V/0.025A = 44 OHMS

