

Customer Code : \_\_\_\_\_

# DATASHEET

DAPU P/N: **DP6U4000002**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2020.04.27			

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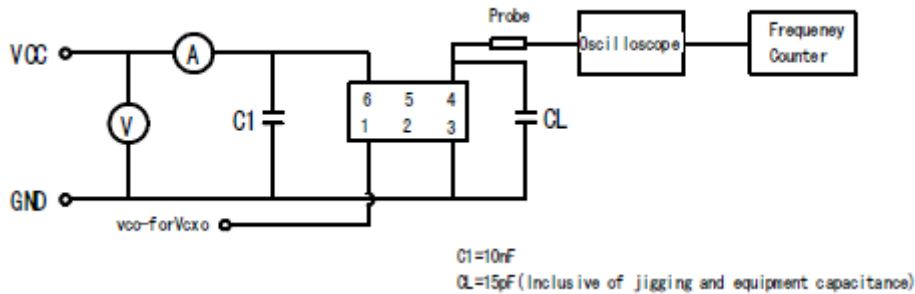
## 1、Electrical Parameters

MODEL: DP6U4000002							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	40.00			MHz	
2	Output Waveform		CMOS				
3	Standby Function		Internal Pull Up				YES
4	Supply Voltage		2.97	3.3	3.63	V	
5	Total Stability	F-stab	-50		+50	$\times 10^{-6}$	Inclusive of frequency tolerance@25°C and frequency stability vs. operating temperature range and aging
6	Operating Temperature	T-opr	-40	+25	+85	°C	
7	Storage Temperature	T-stg	-55	~	+125	°C	
8	Current Consumption	Icc	-		20	mA	
9	Rise/Full Time	Tr、 Tf			4	nS	10%-90% Output Swing
10	Output Load		15			pF	
11	Aging		-3		+3	$\times 10^{-6}$	One Year Aging Rate
12	Duty Cycle	DC	45		55	%	
13	Output Voltage High	VOH	0.9VDD	-	-	V	
14	Output Voltage Low	VOL	-	-	0.1VDD	V	
15	Start-up Time		-	-	1	ms	To 90% of Final Amplitude
16	Pull Range		$\pm 100$			$\times 10^{-6}$	
17	Control Voltage Range	VC	0		3.3	V	
18	Linearity		-10		10	%	Vc=0 to 3.3V
19	Modulation Bandwidth		15	20		KHz	
20	VC Pin Input Impedance		5			MΩ	
21	Phase Jitter	RMS			0.8	pS	12KHz to 20MHz BW
22	Phase Noise				-100	dBc	100Hz
					-130		1KHz
					-140		10KHz
					-150		100KHz

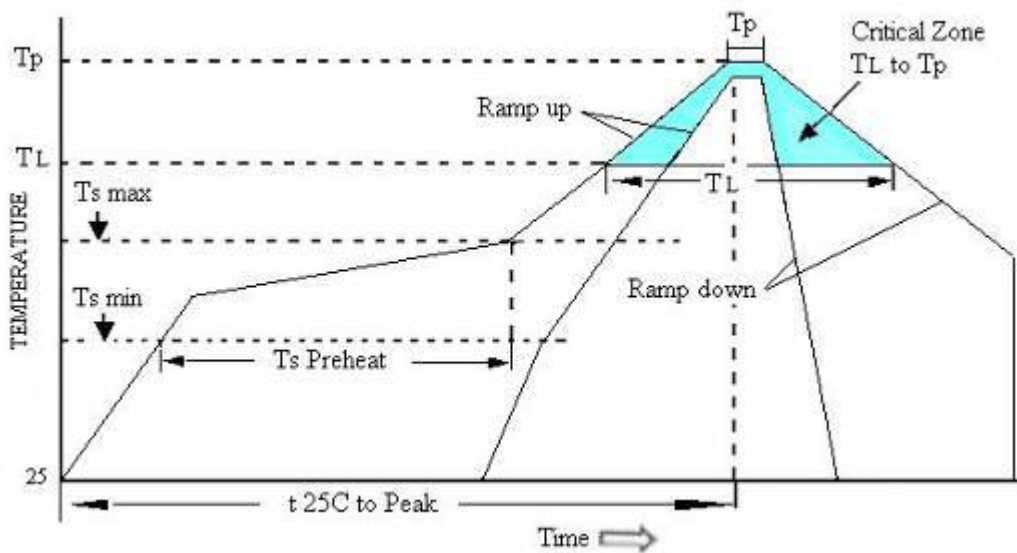




### 3、 Test Circuit (CMOS LOAD)



### 4、 REFLOW PROFILE



### 5、 Package: Tape & Reel (mm)

