

Customer Code : _____

DATASHEET

DAPU P/N: **DP7J12288001**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2019.01.10			

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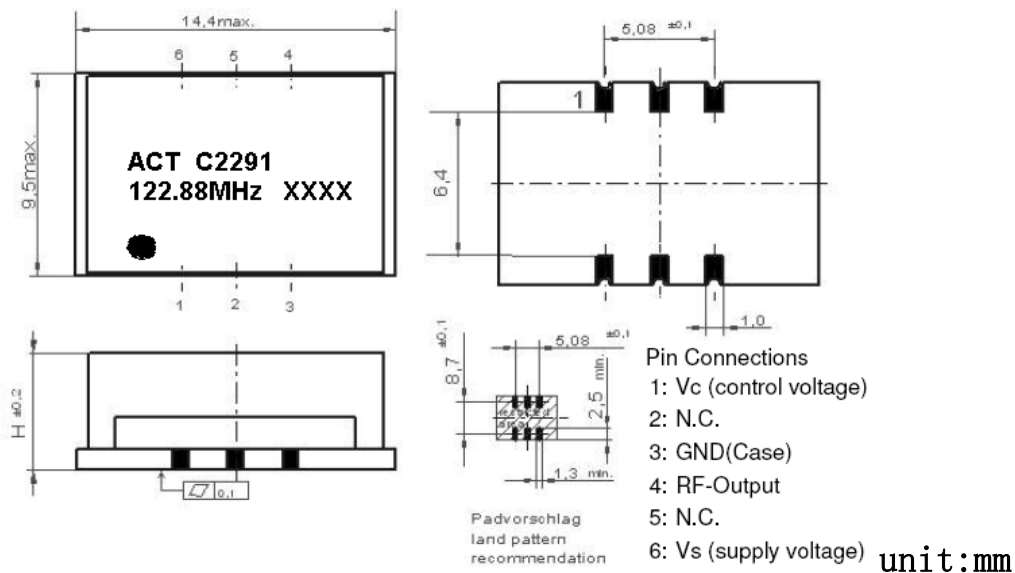
1、Electrical Parameters

MODEL: DP7J12288001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	122.88			MHz	
2	Output Waveform		LVCMOS				
3	Supply Voltage		3	3.3	3.6	V	
4	Over all	df/f0	-50		+50	ppm	-40~85 °C
5	Additional information		-20		+20	ppm	Inlc. df vs initial, temp -40~85 °C,dVs dLoad,aging
6	Absolute pulling range (APR)	df/f0	20			$\times 10^{-6}$	ext.turing voltage @0 to 3.3V
7	Linearity				10	%	
8	slope		positive				
9	Current Consumption steady state				24	mA	@ Vsnom & 25 °C
10	Load		13.5	15	16.5	pF	
11	Fan out		3				
12	Rise Time	Tr			3	ns	@20% to 80% Vout
13	Full Time	Tf			3	ns	@80%~20% Vout
14	Duty Cycle	DC	45		55	%	@1.65V
15	V Low				0.3	V	
16	V High		2.97			V	
17	Spurious				-80	dBc	
18 19	Phase Noise			-76		dBc/Hz	@10Hz
				-109			@100Hz
				-135			@1000Hz
				-155			@10kHz
				-162			@100kHz
				-166			@1MHz
				-166		@10MHz	
	Jitter			0.8		psec RMS	@12kHz to 20MHz
20	Operable temperature range		-40		+85	°C	
21	Storage temperature range		-40		+90	°C	
22	Additional information	Jitter typ 45fsec					
23	RoHS compliance	100% RoHS 6 compliant					



24	Washable	Non-washable device
25	Vibration sine	MIL-STD-883 Meth 2007 Cond A -20g 20-2000Hz 4x in each 3axis 4 min sweep time
26	Mechanical shock	MIL-STD-202 Meth 213 Cond.E- 1000g 0,5ms 6 shocks in each dirwction
27	Solderability	J_STD_002C Cond. A,Trough hole device; Cond. B SMD (correspond to MIL-STD-883 Meth 2003) -255°C (diving Time 5+0,5sec.) Dip+Look with 8h damp pre-treatment:solder wetting>95%
28	Reflow Somulation Text	J_STD_020D – TOTAL 3x Lead free profile(for SMD)
29	ESD HBM	JESD22-A 114F Class 1B -10x1000V
30	Moisture Sen. Level	JESD22-A113-B-only if> MSL 1
31	High temp oerating life(HTOL)	MIL-STD-202 Meth 108A Cond C-1000h @105°C under voltage
32	Low temp oerating life(LTOL)	IEC 60068-2-1 Cond.Ae- Ta=-40°C ,>1000 hours with bias for OCXO

2、Mechanical Structure(mm)



Notel: The first two xx representative: year
After two xx representative: week

3、Waveform Diagrams

