

Customer Code : _____

DATASHEET

DAPU P/N: DPBA12500002

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2018.07.06			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg16,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098

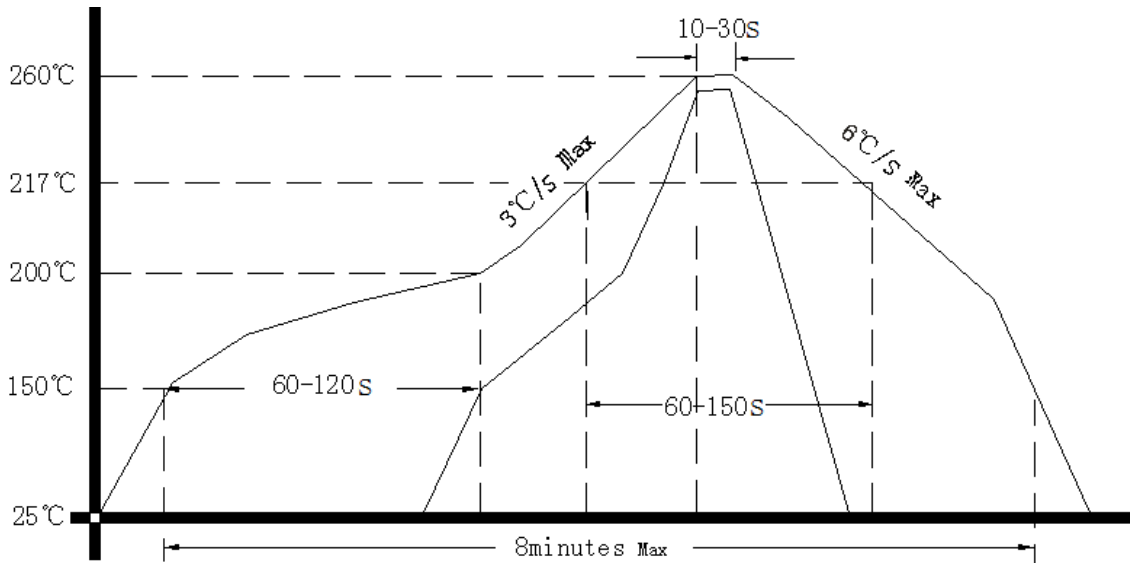


1、Electrical Parameters

MODEL: DPBA12500002							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	125.00			MHz	
2	Output Waveform		LVPECL				
3	Vdd		-0.5		4	V	
4	Supply Voltage		2.97	3.3	3.63	V	
5	Frequency Stability	F-stab	-25		+25	$\times 10^{-6}$	Inclusive of initial tolerance, operating temperature, rated power supply voltage, and load variations
6	Operating Temperature	T-opr	-40	~	+85	$^{\circ}\text{C}$	
7	Storage Temperature	T-stg	-65	~	+150	$^{\circ}\text{C}$	
8	First Year Aging	F-aging1	-2		+2	$\times 10^{-6}$	25 $^{\circ}\text{C}$
9	10-year Aging	F-aging10	-5		+5	$\times 10^{-6}$	25 $^{\circ}\text{C}$
10	Current Consumption	Idd	-	61	69	mA	
11	OE Disable Supply Current	I_OE			35	mA	OE = Low
12	Standby Current	I_std			100	μA	ST=low, for all vdds
13	Rise/Full Time	Tr、Tf		300	700	ps	20%~80%
14	Duty Cycle	DC	45		55	%	
15	Output Current	VOD			30	mA	
16	Output Disable Leakage Current	I_leak			1	μA	OE = Low
17	Output Voltage High	VOH	Vdd-1.1	-	Vdd-0.7	V	
18	Output Voltage Low	VOL	Vdd-1.9	-	Vdd-1.5	V	
19	Output Differential Voltage Swing	V-Swing	1.2	1.6	2.0	V	
20	Input Voltage High	VIH	70%	-	-	Vdd	Pin 1 OE
21	Input Voltage Low	VIL	-	-	30%	Vdd	Pin 1 OE
22	Input Pull-up Impedence	Z_in		100	250	K Ω	Pin 1, OE logic high or logic low, or ST logic high
23	Start up Time	T_start	-	6	10	ms	Measured from the time Vdd reaches its rated minimum value
24	OE Enable/Disable Time	T_oe	-	-	115	ns	
25	Resume Time	T_resume		6	10	ms	In Standby mode, measured from the time ST pin crosses 50% threshold.
26	RMS Period Jitter	T_jitt	-	1.2	1.7	ps	
27	Phase Jitter(radom)	T_phj		0.6	0.85	ps	Integration bandwidth =12kHz to 20MHz



3、Reflow Soldering Curve (RoHS)



4、Package: Tape & Reel (mm)

