

Customer Code :

DATASHEET

DAPU P/N: DPB32156M250ACB0

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Jack	David	William	
Date: 2023.06.30			

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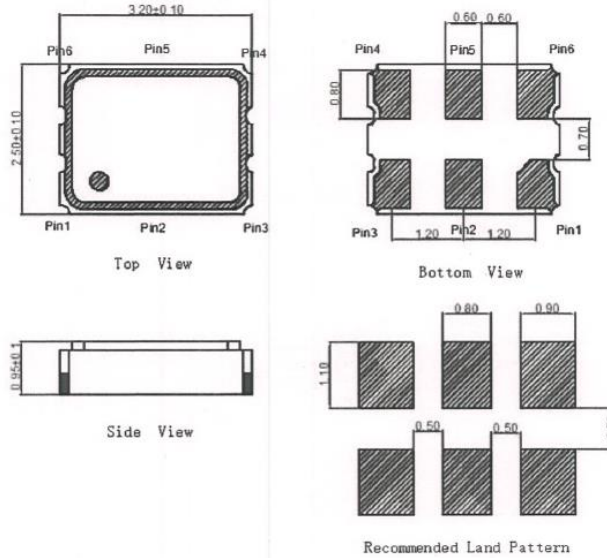
1、Electrical Parameter

MODEL: DPB32156M250ACB0							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	156.25			MHz	
2	Supply Voltage	V _{DD}	2.25		3.47	V	
3	Frequency Stability	-	-25		+25	× 10 ⁻⁶	Includes initial frequency tolerance, frequency temperature coefficient, frequency voltage coefficient, Output load ,1 year aging.
4	Operating Temperature	T-opr	-40	~	+85	°C	
5	Storage Temperature	T-stg	-55	~	+125	°C	
6	Current Consumption	I _{DD}			60	mA	
7	Output load condition	-	50			Ω	Terminated to V _{DD} -2 V
8	Again	-	-2		+2	× 10 ⁻⁶	At 25 °C, 3.3 V, First year
9	Start up time	-			10	ms	
Enable Feature							
10	“H” Input Voltage	V _{IH}	V _{DD} *0.7			V	
11	“L” Input Voltage	V _{IL}			V _{DD} *0.3	V	
12	E/D(#1 pin E/D)	Logic “1”or Floating ,Outputs enable; Logic “0” ,Outputs disable					
Output LVPECL							
13	“H” Output Voltage	V _{OH}	V _{DD} -1.025			V	
14	“L” Output Voltage	V _{OL}			V _{DD} -1.62	V	
15	Duty Cycle	DC	40		60	%	
16	Rise Time	-			1	ns	20 % ~ 80 % of (V _{OH} -V _{OL})
17	Fall Time	-			1	ns	80 % ~ 20 % of (V _{OH} -V _{OL})
18	SSB Phase Noise @25±2°C	-			-105	dBc	100Hz
		-			-133	dBc	1KHz
		-			-147	dBc	10KHz
		-			-154	dBc	100KHz
19	RMS Jitter	-			350	fs	12KHz to 20MHz



2、 Mechanical Structure


2.1 Dimensions



pin1: OE or NC	pin4: OUT
pin2:NC	pin5:OUTN
pin3:GND	pin6:Vdd

2.2 Marking



-  ----- DAPU LOGO
- 156.25 ----- Frequency
- WWYY ----- Manufactured day: WW YY
 week Year
- ----- Pin 1