



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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- * LVDS Output
- * Field Programmable
- * Industry Standard Packaging

- Applications**
- * Serial Communications
 - * Routers
 - * Switches
 - * WAN Interfaces
 - * Test Equipment

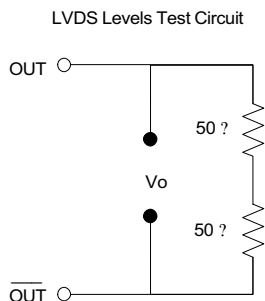


Part Numbering Example: CPPV7Z-A7BR-Freq.

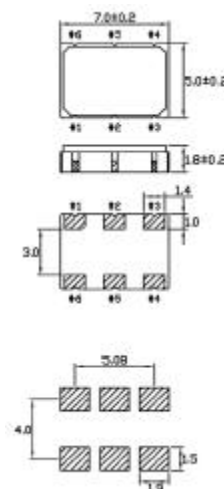
SERIES	OUTPUT	PACKAGE STYLE	ADDED FEATURES	OPERATING TEMP.	STABILITY	FREQUENCY
CPP	V	7	Z	A7	BR	XX.XXXX
CPP	V= LVDS	7 = 5X7 Ceramic	Blank = Bulk T = Tube Z = Tape and Reel	Blank = - 0°C + 70°C A5 = - 20°C+ 70°C A7 = - 40°C+ 85°C	B6 = ± 100 ppm BP = ± 50 ppm BR = ± 25 ppm	1 ~ 200 MHz

Specifications:	Min	Typ	Max	Unit
Frequency Range:	1		200	MHz
Stability:	-25		+ 25	ppm
Supply Voltage:	3.125	3.3	3.465	V
Operating Temperature:	-40		+ 85	°C
Storage Temperature:	-55		+ 125	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25C, Vdd=3.3V			5	ppm
Static Discharge Voltage:	2000			V
Supply Current:		40	50	mA
Short Circuit Current:		± 50		mA
Jitter (RMS) Period:		6	10	pS
Output Voltage Voh Vol	0.9		1.6	V V
Rise/Fall Time:		0.7	1.0	nS
Output Level:	LVDS			
Packaging:	Tape and Reel 1000 pcs per Reel			

Tristate internal pull up,
output active when high



Dimensions are in mm



- PIN Function**
- 1 OE (CMOS)
 - 2 Do Not Connect
 - 3 Ground
 - 4 LVDS +
 - 5 LVDS -
 - 6 Vdd

Solder Pad Layout

