

# VOLTAGE CONTROLLED CRYSTAL OSCILLATORS 7300 SERIES

## Model 7314A

- Main applications : ISDN, SDH
- Features
  - Surface mount type
  - Direct type both TTL/C-MOS IC

### Specification

Item	Model	7314A					
	Spec. Code	See (*)					
		SV71-A	SV71-E	SV81-A	SV81-E	SV81-D	SV81-F
Nominal Frequency Range (MHz)		2 ~ 52					
Supply Voltage (V <sub>DD</sub> )		+5VDC±5%			+3.3VDC±5%		
Load		N-TTL2		15pF			
Operating Temp Range		-10~+70°C					
Current Consumption		30mA max			20mA max		
Output Voltage		TTL Level			C-MOS Level		
Duty Cycle		45~55% (<25MHz) 40~60% (≥25MHz) at + 1.4V			45~55% (<25MHz) 40~60% (≥25MHz) at + 1/2V <sub>DD</sub>		
Frequency Stability		±40×10 <sup>-6</sup> max					
AFC Charact.		±100×10 <sup>-6</sup> min/+2.5±2.0V			±70×10 <sup>-6</sup> min/+1.65±1.5V		
Polarity		Positive					
Stand-by Function		No	Yes	No	Yes	No	Yes
Case Code		14A					

If requested, Operating Temp. Range -40 to + 85°C is available. [Frequency Stability ± 50 × 10<sup>-6</sup>]

(\*)

Standard Nominal frequency (MHz)	Spec Code
2 ~ 25	G
25 ~ 52	A

### Dimensions

