

KCO-935 Series

Plastic Surface Mount Crystal Clock Oscillators

5.0V Model:

Description	KCO-935A	KCO-935AT	KCO-935B	KCO-935BT	KCO-935C	KCO-935CT
Frequency range	1.5 MHz ~ 70.0 MHz				30.0 ~ 75.0 MHz	
Frequency stability	± 50ppm, ± 100ppm					
Operating temperature range	0 ~ +70					
Input voltage	5.0V ± 0.5V					
Input current	1.5 MHz ~ 10.0 MHz		10mA Max		30.0 MHz ~ 50.0 MHz	
	10.1 MHz ~ 26.0 MHz		15mA Max		40mA Max	
	26.1 MHz ~ 50.0 MHz		35mA Max		50.1 MHz ~ 75.0 MHz	
	50.1 MHz ~ 70.0 MHz		50mA Max		60mA Max	
Output "0" Level	0.4V Max.		0.5V Max.		0.4V Max./0.4V Max.	
Output "1" Level	2.4V Min.		VDD-0.5 Min.		2.4V Min./VDD-0.4V Min.	
Output Load	TTL		CMOS		TTL/CMOS	
1.5 MHz ~	10TTL		30pF ~ 50pF			
60.0 MHz ~	5TTL		15pF ~ 30pF		10TTL/50pF	
Rise & Fall Time	5ns		6 ~ 10 ns		7ns	
Duty cycle	40:60					
Tristate	without	with	without	with	without	with

3.3V Model:

Description	KCO-935D	KCO-935DT
Frequency range	1.5 MHz ~ 80.0 MHz	
Frequency stability	± 50ppm, ± 100ppm	
Operating temperature range	0 ~ +70	
Input voltage	3.3V ± 0.3V	
Input current	1.0 MHz ~ 26.9 MHz	10mA Max
	27.0 MHz ~ 49.9 MHz	20mA Max
	50.0 MHz ~	35mA Max
Output "0" Level	0.4V Max.	
Output "1" Level	VDD-0.4V Min.	
Output Load	CMOS/TTL	
Rise & Fall Time	6ns Max.	
Duty Cycle	40:60	
Tristate	without	with

All specifications are subject to change without notice.

Option: *Tighter Stability, *Extended Temperature, *Option 45:55 Duty Cycle

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