



JSC "PROTON"

K249LP1A  
K249LP1B  
K249LP1V  
K249LP4

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LOGICAL INVERTERS

SPECIFICATIONS  
TECHNICAL CHARACTERISTICS

Temperature (TA) = 25 °C

Type products	Constant on-input voltage U in V F		Output voltage high level U out V he				Output voltage low level U out V OL				Delay time signal 0, 1 1.0 t building t building t PLH t PHL			Voltage-Resistance- life isolation U of VISO (DC) t=1min	Reaction isolation R from R ISO
			@I input I F	@I input I F	@I1 out I he	Up Vcc	@I input I F	@I1 out I he	Up Vcc		Up Vcc	@lin.i I F(PK)			
	IN (V)	mA (mA)	IN (V)min	mA (mA)	mA (mA)	IN (V)	IN (V)max	mA (mA)	mA (mA)	IN (V)	mks (μs)	IN (V)	mA (mA)	IN (V)min	Ohm (Ω) min
	min max										max				
K249LP1A	1.1	1.5 10	2.3		1 0.12 5		0.3 10	1.8		5	0.5	5	10	109	100
K249LP1B											0.3				
K249LP1V											1				
K249LP4		1.7	15 2.4	0.25 0.12	4.5 0.4	5 1.8 5.5					1	5	20		

LIMIT PERMISSIBLE OPERATING MODES  
MAXIMUM PERMITTED OPERATING RATES

Product type  
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TT0.343.001 TU

Housing type 401.14-3, fig. 7

Application

- high-speed isolated interface; - bus controllers;  
- highly reliable equipment

Electrical diagram