



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		Output voltage high level				Output voltage low level				Delay time signal			Voltage-Resistance-life isolation U of VISO (DC) t=1min	Reaction isolation R from R ISO	
	U in V	I F	U out V he	I F	I he	Up Vcc	I F	I he	Up Vcc	tPLH	tPHL	@Iin.i I F(PK)				
Type	IN (V)	mA (mA)	IN (V)	mA (mA)	mA (mA)	IN (V)	mA (mA)	mA (mA)	IN (V)	mks (μs)	IN (V)	mA (mA)	IN (V)	Ohm (Ω)		
	min max	(V)min	(V)max	(V)min	(V)max	(V)max	(V)max	(V)max	(V)max	max	(V)max	(V)max	(V)min			
K249LP1A	1.1	1.5	10	2.3			1	0.12	5		0.3	5	10	109	100	
K249LP1B		1.5	10	2.3			1	0.12	5		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	Input current	Maximum input pulse current		Maximum reverse input voltage	Maximum input high current level	Maximum input low current level	Voltage source nutrition	Worker range temperatures			
		I in.	I F(PK) @ t > 10ms Q=2					T	T.A.		
		mA	(mA)					(V)	(mA)		
		min max	max	max	max	max	min max	4.5 5.5	min max		
K249LP1A	20			100	3.5	15	1.8		-60	+85	
K249LP1B											
K249LP1V											
K249LP4	15 25					0.12		-	6	-45	+70

<p>K249LP1A K249LP1B K249LP1V K249LP4</p> <p>TT0.343.001 TU</p> <p>Housing type 401.14-3, fig. 7</p> <p>Application</p> <ul style="list-style-type: none"> - high-speed isolated interface; - bus controllers; - highly reliable equipment 	<p>Electrical diagram</p>
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