

Analog Multiplexers

Overvoltage-Protected

Part Number *	Multiplexer Type	Temperature Range	Package *	R _{ON} Max Full Temp (Ω)	Off Output Leakage (nA) Max, Full Temp	Access Time (ns) Typ, +25°C	Settling Time (0.1%) Typ, +25°C
HI1-0506A-2 HI1-0506A-5 HI3-0506A-5	Single-ended 16-channel 70Vp-p input	-55°C to +125°C 0°C to +75°C 0°C to +75°C	28-pin cerdip 28-pin cerdip 28-pin epoxy dip	1.8K	300	500	1.2μs
HI1-0507A-2 HI1-0507A-5 HI3-0507A-5	Differential 8-channel 70Vp-p input	-55°C to +125°C 0°C to +75°C 0°C to +75°C	28-pin cerdip 28-pin cerdip 28-pin epoxy dip	1.8K	200	500	1.2μs
HI1-0508A-2 HI1-0508A-5 HI3-0508A-5	Single-ended 8-channel 70Vp-p input	-55°C to +125°C 0°C to +75°C 0°C to +75°C	16-pin cerdip 16-pin cerdip 16-pin epoxy dip	1.8K	200	500	1.2μs
HI1-0509A-2 HI1-0509A-5 HI3-0509A-5	Differential 4-channel 70Vp-p input	-55°C to +125°C 0°C to +75°C 0°C to +75°C	16-pin cerdip 16-pin cerdip 16-pin epoxy dip	1.8K	100	500	1.2μs
HI1-546-2 HI1-546-4 HI1-546-5 HI3-546-5 HI1-546/883 HI4-546/883 HI4P546-15	Single-ended 16-channel 70Vp-p input With R _{ON} Matching	-55°C to +125°C -25°C to +85°C 0°C to +75°C 0°C to +75°C -55°C to +125°C -55°C to +125°C -55°C to +125°C	28-pin cerdip 28-pin cerdip 28-pin cerdip 28-pin epoxy dip 28-pin cerdip 28-pin LCC ceramic 28-pin PLCC epoxy	1.8K	300	500	1.2μs
HI1-547-2 HI1-547-4 HI1-547-5 HI3-547-5 HI1-547/883 HI4-547/883 HI4P547-5	Differential 8-channel 70Vp-p input With R _{ON} Matching	-55°C to +125°C -25°C to +85°C 0°C to +75°C 0°C to +75°C -55°C to +125°C -55°C to +125°C -55°C to +125°C	28-pin cerdip 28-pin cerdip 28-pin cerdip 28-pin epoxy dip 28-pin cerdip 28-pin LCC ceramic 28-pin PLCC epoxy	1.8K	200	500	1.2μs
HI1-548-2 HI1-548-4 HI1-548-5 HI3-548-5 HI1-548/883 HI4-548/883 HI4P548-5	Single-ended 8-channel 70Vp-p input With R _{ON} Matching	-55°C to +125°C -25°C to +85°C 0°C to +75°C 0°C to +75°C -55°C to +125°C -55°C to +125°C -55°C to +125°C	16-pin cerdip 16-pin cerdip 16-pin cerdip 16-pin epoxy dip 16-pin cerdip 20-pin LCC ceramic 20-Pin PLCC epoxy	1.8K	200	500	1.2μs
HI1-549-2 HI1-549-4 HI1-549-5 HI3-549-5 HI1-549/883 HI4-549/883 HI4P549-5	Differential 4-channel 70Vp-p input With R _{ON} Matching	-55°C to +125°C -25°C to +85°C 0°C to +75°C 0°C to +75°C -55°C to +125°C -55°C to +125°C -55°C to +125°C	16-pin cerdip 16-pin cerdip 16-pin cerdip 16-pin epoxy dip 16-pin cerdip 20-pin LCC ceramic 20-pin PLCC epoxy	1.8K	100	500	1.2μs

* See interpretation guide and packaging section