

OPTEK Optocouplers and Optical Encoders



A subsidiary of TT electronics plc

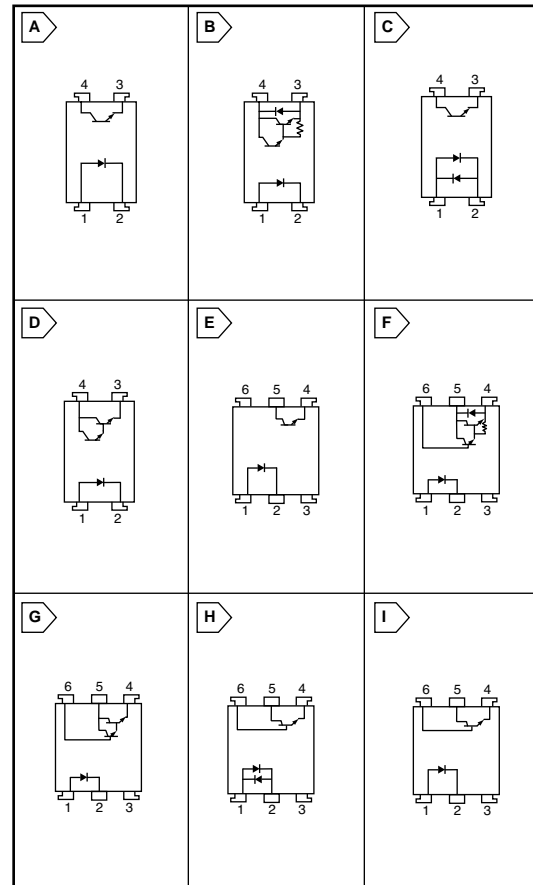
OPTEK OPIA SERIES OPTOCOUPLERS

OPTEK's expanded optocoupler product line includes both analog and digital output devices that provide isolation for high voltage power systems. The UL- and VDE-certified optocouplers can be specified for use in a variety of applications including telecommunications, internet devices, computer systems, home appliances, industrial, medical, security and consumer electronics.

Manufacturer Part Number Suffix
 TR = Tape and Reel Package
 TU = Tube Package

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Optek Part No.	Fig.	Package Type	Input Current	Typical Rise/Fall (uSEC)	Isolation Voltage (Vrms)	Price Each			
							1	10	100	250
828-OPIA817ATRE	OPIA817ATRE	A	SO-4	50mA	4/3	5000				
828-OPIA817ATUE	OPIA817ATUE	A	SO-4	50mA	4/3	5000				
828-OPIA817DTUE	OPIA817DTUE	A	DIP-4	50mA	4/3	5000				
828-OPIA1210ATRE	OPIA1210ATRE	A	SO-4	50mA	2/3	5000				
828-OPIA1210ATUE	OPIA1210ATUE	A	SO-4	50mA	2/3	5000				
828-OPIA1210DTUE	OPIA1210DTUE	A	DIP-4	50mA	2/3	5000				
828-OPIA4010ATR	OPIA4010ATR	B	SO-4	50mA	60/50	5000				
828-OPIA4010ATR	OPIA4010ATR	B	SO-4	50mA	60/50	5000				
828-OPIA4010DTU	OPIA4010DTU	B	DIP-4	50mA	60/50	5000				
828-OPIA814ATRA	OPIA814ATRA	C	SO-4	50mA	5/4	5000				
828-OPIA814ATUA	OPIA814ATUA	C	SO-4	50mA	5/4	5000				
828-OPIA814DTUA	OPIA814DTUA	C	DIP-4	50mA	5/4	5000				
828-OPIA815ATRE	OPIA815ATRE	D	SO-4	50mA	80/72	5000				
828-OPIA815ATUE	OPIA815ATUE	D	SO-4	50mA	80/72	5000				
828-OPIA815DTUE	OPIA815DTUE	D	DIP-4	50mA	80/72	5000				
828-OPIA2110ATRE	OPIA2110ATRE	E	SO-6	50mA	4/3	5000				
828-OPIA2110ATUE	OPIA2110ATUE	E	SO-6	50mA	4/3	5000				
828-OPIA2110DTUE	OPIA2110DTUE	E	DIP-6	50mA	4/3	5000				
828-OPIA5010ATRE	OPIA5010ATRE	F	SO-6	50mA	60/50	5000				
828-OPIA5010ATUE	OPIA5010ATUE	F	SO-6	50mA	60/50	5000				
828-OPIA5010DTUE	OPIA5010DTUE	F	DIP-6	50mA	60/50	5000				
828-OPIA4N33ATR	OPIA4N33ATR	G	SO-6	50mA	60/50	5000				
828-OPIA4N33ATU	OPIA4N33ATU	G	SO-6	50mA	60/50	5000				
828-OPIA4N33DTU	OPIA4N33DTU	G	DIP-6	50mA	60/50	5000				
828-OPIA6010ATRA	OPIA6010ATRA	H	SO-6	50mA	2/3	5000				
828-OPIA6010ATUA	OPIA6010ATUA	H	SO-6	50mA	2/3	5000				
828-OPIA6010DTUA	OPIA6010DTUA	H	DIP-6	50mA	2/3	5000				
828-OPIA4N35ATRE	OPIA4N35ATRE	I	SO-6	50mA	5/4	5000				
828-OPIA2210ATRE	OPIA2210ATRE	I	SO-6	50mA	2/3	5000				
828-OPIA2210ATUE	OPIA2210ATUE	I	SO-6	50mA	2/3	5000				
828-OPIA2210DTUE	OPIA2210DTUE	I	DIP-6	50mA	2/3	5000				



OPE1275 SERIES AND OPE2275 SERIES

The OPE1275 and OPE2275 are designed for 27.5mm, small shaft motors with a shaft diameter of 2mm (0.079") and a minimum length of 3.8mm (0.150). The OPE1275 provides a single channel analog output for speed of rotation while the OPE2275 provides a dual channel analog output for speed and direction of rotation. Optek's OPE Optical Encoders are available in hollow and shafted configurations with standard resolutions of 128 and 256 pulses per revolution. Custom resolutions are available on request.

Features:

- Single and Dual Channel Outputs
- Hollow and Shafted Configurations
- 128 or 256 Pulses per Revolution
- I/O interface with Molex Standard Parts
- Housing 51021-0400
- Terminal pins 50058-8100 or 50079-8100

Applications:

- Printer and Copier Motors
- Machine Automation
- Machine Safety
- Motor Control
- Control Knobs
- Integrated Packaging
- System/Conveyors

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Channel Type	Pulse per Revolution	Output Type	Price Each			
					1	25	50	100
Hollow Shaft								
828-OPE1275H128	OPE1275H-128	Single	128	Analog				
828-OPE1275H256	OPE1275H-256	Single	256	Analog				
828-OPE1275HD128	OPE1275HD128	Single	128	Digital				
828-OPE1275HD256	OPE1275HD256	Single	256	Digital				
828-OPE2275H128	OPE2275H-128	Dual	128	Analog				
828-OPE2275H256	OPE2275H-256	Dual	256	Analog				
828-OPE2275HD128	OPE2275HD128	Dual	128	Digital				
828-OPE2275HD256	OPE2275HD256	Dual	256	Digital				
Extended Shaft								
828-OPE1275S128	OPE1275S-128	Single	128	Analog				
828-OPE1275S256	OPE1275S-256	Single	256	Analog				
828-OPE1275SD128	OPE1275SD128	Single	128	Digital				
828-OPE1275SD256	OPE1275SD256	Single	256	Digital				
828-OPE2275S128	OPE2275S-128	Dual	128	Analog				
828-OPE2275S256	OPE2275S-256	Dual	256	Analog				
828-OPE2275SD128	OPE2275SD128	Dual	128	Digital				
828-OPE2275SD256	OPE2275SD256	Dual	256	Digital				

