

# PANASONIC PhotoMos Relays

**Panasonic**

Panasonic Electric Works Corporation of America



This product is RoHS compliant.

Panasonic PhotoMOS™ relays offer high reliability with stable performance. Fast switching speed, low capacitance and small package size ensure that PhotoMOS relays meet the requirements of high performance switching applications, such as ATE, Instrumentation and Medical equipment.

## AQY221N3V SERIES

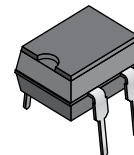
- Reduced package size
- High speed switching
- Lower output capacitance and onresistance



RoHS Compliant

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
769-AQY221N3V	AQY221N3V	SSOP-4	150	25	1 Form A	7.32	6.73	5.98	5.08



DIP-4

## AQY27 SERIES

- High capacity
- High sensitivity
- Flat-Packaged Type (W) 8.8x (D) 9.3x (H) 3.9mm (W)



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MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
<b>Through-Hole Type</b>									
769-AQY272	AQY272	DIP-4	2000	60	1 Form A	13.34	12.26	10.90	9.25
769-AQY274	AQY274	DIP-4	350	400	1 Form A	14.75	13.56	12.06	10.23
<b>SMD Type</b>									
769-AQY272A	AQY272A	SMD-4	2000	60	1 Form A	12.30	11.29	10.03	8.52
769-AQY275A	AQY275A	SMD-4	1300	100	1 Form A	14.75	13.56	11.88	10.23
769-AQY277A	AQY277A	SMD-4	650	200	1 Form A	14.59	13.21	11.88	10.24



SIL-4

## AQY41 S SERIES

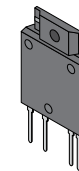
- Controls low-level analog signals
- Low-level off-state leakage current
- 60V type couples high capacity (0.5A) with low ON resistance (1Ω)



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MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
769-AQY410S	AQY410S	SOP-4	120	350	1 Form B	5.44	4.99	4.44	3.77
769-AQY414S	AQY414S	SOP-4	100	400	1 Form B	5.44	4.99	4.44	3.77



SIP-4

## AQY221 2V SERIES

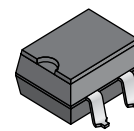
- R type (AQY221R2S) offers greatly reduced ON resistance.
- C type (AQY221N2S) offers lower output capacitance.
- Reduced package size
- High speed switching



RoHS Compliant

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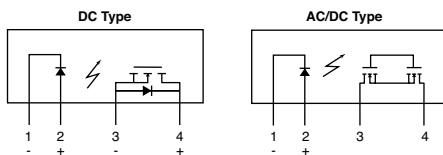
MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
769-AQY221N2V	AQY221N2V	SSOP-4	120	40	1 Form A	7.68	7.07	6.28	5.33
769-AQY221R2V	AQY221R2V	SSOP-4	250	40	1 Form A	10.79	9.90	8.79	8.11



SMD-4

## AQZ10 AND 20 SERIES

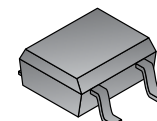
- High capacity PhotoMOS Relay in a compact and slim 4-pin SIL
- Extremely low ON resistance
- Control low-level signal
- Low-level off state leakage current
- High I/O isolation voltage 2,500V
- PC board layout is simplified
- No restriction on mounting direction



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MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
<b>DC Type</b>									
769-AQZ102	AQZ102	SIP-4	4.0	60	1 Form A	10.42	10.09	8.98	7.62
769-AQZ105	AQZ105	SIP-4	2.6	100	1 Form A	8.92	8.19	7.28	6.17
<b>AC/DC Type</b>									
769-AQZ202	AQZ202	SIP-4	3.0	60	1 Form A	8.88	6.80	6.37	6.09
769-AQZ204	AQZ204	SIP-4	0.5	400	1 Form A	10.48	9.63	8.56	7.27
769-AQZ205	AQZ205	SIP-4	2.0	100	1 Form A	11.92	10.95	9.74	8.27
769-AQZ207	AQZ207	SIP-4	1.0	200	1 Form A	10.48	9.63	8.56	7.27



SOP-4

## AQZ262 SERIES

- High capacity type power photoMOS relay
- Low ON resistance and high sensitivity
- AC/DC dual use
- Controls low-level analog signals
- Low-level off state leakage current



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						1	25	50	100
769-AQZ262	AQZ262	SIP-4	6A	60	----	30.28	27.81	24.72	21.01

## AQZ404 SERIES

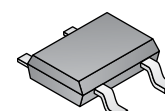
- High capacity



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MOUSER STOCK NO.	Panasonic Part No.	Package Style	Current Rating (mA)	Max. Load Voltage (V)	Contact Arrangement	Price Each			
						1	25	50	100
769-AQZ404	AQZ404	SIL-4	0.5	400	1 Form B	14.32	13.16	11.70	9.93



SSOP-4

Panasonic

Solid State Relays