

**Specification
change**

PhotoMOS / Photovoltaic MOSFET Driver /
Phototriac Coupler / Solid State Relay

**Changes in brand mark, marking
and safety standard**

We would like to inform you that it will be changed as below.
We kindly ask you to inform your customers and obtain their acknowledgement.







Target Products

PhotoMOS /Photovoltaic MOSFET Driver /Phototriac Coupler / Solid State Relay

* In addition, both customized and semi-standard products apply to this change.
(excluding some customized products: for automotive part number with C **
and P** at the end)

* If you do not know the target product number, please contact our sales
representative.

Changes, Reason and Schedule

Changes		Reason	Schedule
Brand mark change		Unify to Panasonic mark	From April, 2022 production onward
Product body marking change		To unify the marking of the country of origin	
Safety standard change	PhotoMOS, Photovoltaic MOSFET Driver	 →  (UL/C-UL) → (UL)	From January, 2022 production onward
		 →  (BSI) → (VDE)	
	Solid State Relay	 →  (UL, CSA) → (UL/C-UL)	From April, 2022 production onward

Part (Type) number, Price and Specification

Part (Type) number, price and specification remain unchanged

Changes

■ Brand mark change

From April, 2022 production onward

— : without indication

Product	Package	Part No.	Brand mark change						
			Before change			After change			
			Product body marking	Inner carton marking (Direct printing)	Inner and outer label	Product body marking	Inner carton marking (Direct printing)	Inner and outer label	
PhotoMOS	SON	AQY***M	—	/	Panasonic+M	—	/	Panasonic	
	VSSOP	AQY***T	—		Panasonic+M	—		Panasonic	
	SSOP	AQY***V	—		Panasonic+M	—		Panasonic	
	SOP4	AQY***S	M		Panasonic+M	P		Panasonic	
	SOP6	AQV***S	M		Panasonic+M	P		Panasonic	
	SOP8	AQW***S	M		Panasonic+M	P		Panasonic	
	SOP16	AQS***S	M		Panasonic+M	P		Panasonic	
	DIP4	AQY***	M		Panasonic+M	P		Panasonic	
	DIP6	AQV***	M		Panasonic+M	P		Panasonic	
	DIP8	AQW***	M		Panasonic+M	P		Panasonic	
	PowerSIL	AQZ*0*	M		Panasonic+M	Panasonic		Panasonic	
	PowerDIP	AQY27*	M		Panasonic+M	Panasonic		Panasonic	
Photovoltaic MOSFET Driver	SSOP	APV*111V	—	/	Panasonic+M	—	/	Panasonic	
	SOP4	APV*121S	M		Panasonic+M	P		Panasonic	
	DIP6	APV*122	M		Panasonic+M	P		Panasonic	
Phototriac Coupler	SOP4	APT12*1S	M	/	Panasonic+M	P	/	Panasonic	
	DIP4	APT12*1	M		Panasonic+M	P		Panasonic	
	DIP6	APT12*2	M		Panasonic+M	P		Panasonic	
Solid State Relay	SIL	DIP8	AQH*2*3	M	/	Panasonic+M	P	/	Panasonic
		AQG12***	M	Panasonic+M		Panasonic	Panasonic		
		AQG22***	M	Panasonic+M		Panasonic	Panasonic		
		AQ12*8	M	Panasonic+M		Panasonic+M	Panasonic		Panasonic
		AQ13*8	M	Panasonic+M		Panasonic+M	Panasonic		Panasonic
		AQ8**2*	M	Panasonic+M		Panasonic+M	Panasonic		Panasonic
		AQ8**3*	M	Panasonic+M		Panasonic+M	Panasonic		Panasonic
		AQ8**4*	M	Panasonic+M		Panasonic+M	Panasonic		Panasonic
AQ8**5*	M	Panasonic+M	Panasonic+M	Panasonic	Panasonic				
Heat Sink	DIN Rail Mounting Plate	AQP809	—	/	Panasonic+M	—	/	Panasonic	
	Slim Heat Sink	AQP810	M		Panasonic+M	Panasonic		Panasonic	
		AQP812	M		Panasonic+M	Panasonic		Panasonic	

■ Marking change

From April, 2022 production onward

— : without indication

Product	Package	Part No.	Marking change	
			Before change	After change
			Product body marking	Product body marking
PhotoMOS	PowerSIL	AQZ*0*	JAPAN	—
Solid State Relay	SIL	AQ8**2*	JAPAN	MADE IN JAPAN
		AQ8**3*	JAPAN	MADE IN JAPAN
		AQ8**4*	JAPAN	MADE IN JAPAN
		AQ8**5*	JAPAN	MADE IN JAPAN

■ Safety standard change [PhotoMOS, Photovoltaic MOSFET Driver]

From January, 2022 production onward

- UL/C-UL→UL

— : without indication

Product	Package	Part No.	Safety standard change					
			Before change			After change		
			Safety standard	Product body marking	Inner and outer label	Safety standard	Product body marking	Inner and outer label
PhotoMOS	SOP4	AQY***S	UL/C-UL	—	UL/C-UL	UL	—	—
	SOP6	AQV***S						
	SOP8	AQW***S						
	DIP4	AQY***						
	DIP6	AQV***						
	DIP8	AQW***						
	PowerSIL	AQZ*0* AQZ19*						
PowerDIP	AQY27*							
Photovoltaic MOSFET Driver	SSOP	APV*111V	UL/C-UL	—	UL/C-UL	UL	—	—
	SOP4	APV*121S						
	DIP6	APV*122						

From January, 2022 production onward

- BSI→VDE

— : without indication

Product	Package	Part No.	Safety standard change					
			Before change			After change		
			Safety standard	Product body marking	Inner and outer label	Safety standard	Product body marking	Inner and outer label
PhotoMOS	SOP4	AQY21*S* ¹	BSI	—	—	VDE	—	—
		AQY41*S* ²						
	SOP8	AQW21*S						
		AQW414S						
		AQW610S						
	DIP4	AQY21* * ³						
		AQY41*EH* ⁴						
	DIP6	AQV21*						
		AQV41*EH* ⁵						
		AQV25*H* ⁶						
		AQV454H						
	DIP8	AQW21*EH						
		AQW414EH						
AQW61*EH* ⁷								

*1 : AQY211G2S, AQY212GS, AQY212G2S and AQY212FG2S have VDE acquired, so there is no change.

*2 : AQY412S has VDE acquired, so there is no change.

*3 : AQY212GH has VDE acquired, so there is no change.

*4 : AQY412EH has VDE acquired, so there is no change.

*5 : AQV412EH has VDE acquired, so there is no change.

*6 : AQV256H has VDE acquired, so there is no change.

*7 : AQW612EH has VDE acquired, so there is no change.

■ Safety standard change [Solid State Relay]

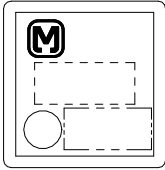
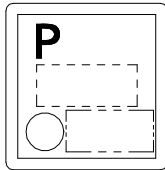
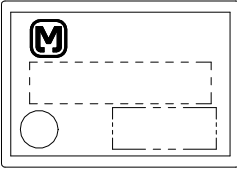
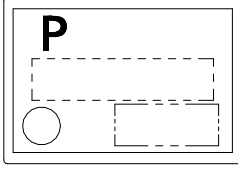
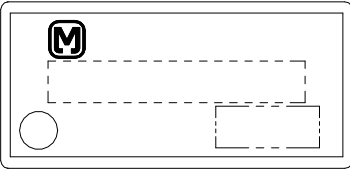
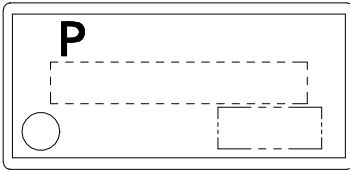
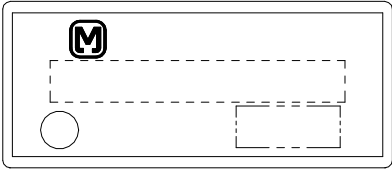
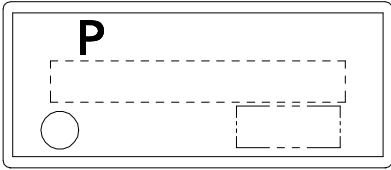
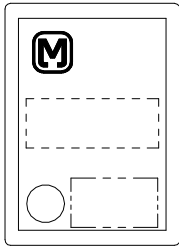
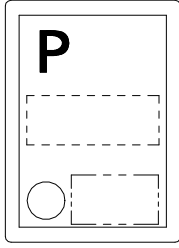
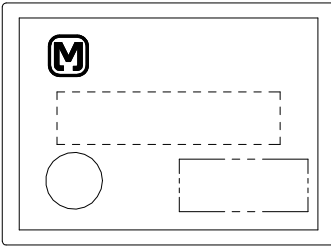
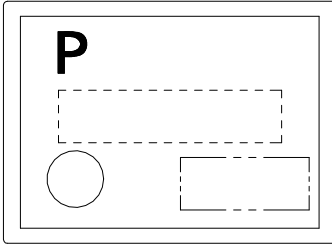
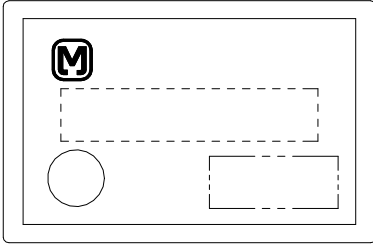
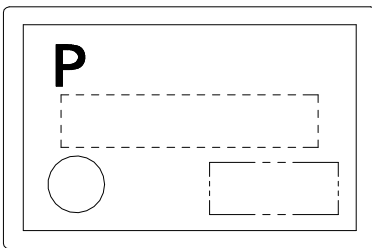
From April, 2022 production onward


- UL,CSA→UL/C-UL


— : without indication

Product	Package	Part No.	Safety standard change					
			Before change			After change		
			Safety standard	Product body marking	Inner and outer label	Safety standard	Product body marking	Inner and outer label
Solid State Relay	SIL	AQ8**2*	UL, CSA	UL+U, CSA	—	UL/C-UL	UL/C-UL	—
		AQ8**3*						
		AQ8**4*						
		AQ8**5*						

【Product body marking list】

Product	Package	Product body marking	
		Before change	After change
PhotoMOS Photovoltaic MOSFET Driver Phototriac Coupler Solid State Relay	SOP4		
	SOP6		
	SOP8		
	SOP16		
	DIP4		
	DIP6		
	DIP8		

 : Part number area

 : Lot number area

【Product body marking list】

Product	Package	Product body marking	
		Before change	After change
PhotoMOS	PowerSIL AQZ*0*		
	PowerDIP AQY27*		
Solid State Relay	AQG12***		
	AQG22***		
	AQ12*8		
	AQ13*8		
	AQ8**2* AQ8**3*		
	AQ8**4* AQ8**5*		
Heat Sink	AQP810 AQP812		

: Part number area

: Lot number area