



Not Recommended for New Design: Various PhotoMOS[®] with Built-In Input Resistor (Voltage-sensitive) Type Relays

NRFND.PG02.12.13.2022

12.13.2022

About This Notice:	Panasonic is marking select PhotoMOS [®] with Built-In Input Resistor (Voltage-sensitive) Type Relays across various series as Not Recommended for New Design. Panasonic anticipates these parts will eventually become discontinued.
Features:	
Effective Date:	11.01.2022
Affected Parts and/or Replacements:	Please see Series affected below. See attached list of affected part numbers. AQY212FG2S*, AQY221FN2V*, AQY221FR2V*, AQS221FN2S*, AQS221FR2S*
Datasheet(s):	Please see attached.
Notes:	Please contact Panasonic for alternative solutions.

Panasonic NRFND.PG02.12.13.2022 Affected Parts

Affected Series	Affected Part Numbers	Suggested Replacement Series - Option 1	Suggested Replacement Part Numbers - Option 1	Suggested Replacement Series - Option 2	Suggested Replacement Part Numbers - Option 2	Comments
PhotoMOS GU SOP 1 Form A High Capacity Voltage-Sensitive	AQY212FG2S	GU SOP 1 Form A High Capacity (SOP4-pin type)	AQY212G2S (external resistor)	N/A	N/A	Please contact Panasonic for alternative solution.
PhotoMOS GU SOP 1 Form A High Capacity Voltage-Sensitive	AQY212FG2SX	GU SOP 1 Form A High Capacity (SOP4-pin type)	AQY212G2SX (external resistor)	N/A	N/A	Please contact Panasonic for alternative solution.
PhotoMOS GU SOP 1 Form A High Capacity Voltage-Sensitive	AQY212FG2SZ	GU SOP 1 Form A High Capacity (SOP4-pin type)	AQY212G2SZ (external resistor)	N/A	N/A	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FN2V	RF SSOP 1 Form A CxR10	AQY221N2V(external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FN2VY	RF SSOP 1 Form A CxR10	AQY221N2VY(external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FN2VW	RF SSOP 1 Form A CxR10	AQY221N2VW(external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FN2V1Y	RF SSOP 1 Form A CxR10	AQY221N2V1Y(external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FN2V1W	RF SSOP 1 Form A CxR11	AQY221N2V1W(external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FR2V	RF SSOP 1 Form A CxR10	AQY221R2V (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FR2VY	RF SSOP 1 Form A CxR11	AQY221R2VY (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FR2VW	RF SSOP 1 Form A CxR12	AQY221R2VW (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FR2V1W	RF SSOP 1 Form A CxR13	AQY221R2V1W (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SSOP 1 Form A CxR10 Voltage-sensitive	AQY221FR2V1Y	RF SSOP 1 Form A CxR14	AQY221R2V1Y (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FN2S	RF SOP 4 Form A CXR10	AQS221N2S (external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FN2SX	RF SOP 4 Form A CXR10	AQS221N2SX (external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FN2SZ	RF SOP 4 Form A CXR10	AQS221N2SZ (external resistor)	CC TSON 1 Form A CxR	AQY2C1R3PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FR2S	RF SOP 4 Form A CXR10	AQS221R2S (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FR2SZ	RF SOP 4 Form A CXR10	AQS221R2SZ (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.
PhotoMOS RF SOP 4 Form A CXR Voltage-Sensitive	AQS221FR2SX	RF SOP 4 Form A CXR10	AQS221R2SX (external resistor)	CC TSON 1 Form A CxR	AQY2C1R2PX	Please contact Panasonic for alternative solution.