

CROSS REFERENCE GUIDE

MOSFET Relays

Datasheet.LIVE



omron[®]

JANUARY 1, 2000

Table of Contents

<u>Competitor Name</u>	<u>Page Number</u>
Aromat	1
CP Clare	7
Infineon (Siemens, AT&T)	11
NEC (CEL)	17

Cross Reference Guide Key

- E =** **Equivalent:** No major differences exist between the competitor part number and the Omron equivalent. However, Omron recommends customer verification of compatibility in the application.
- S =** **Similar:** Differences exist between competitor part number and closest Omron equivalent. Contact your local Omron representative for more information. Omron recommends customer verification of compatibility in the application.
- NC =** **No Cross:** No equivalent Omron part currently exists. Please contact your local Omron representative for potentially updated information.

While the Omron relays given in this cross-reference are considered functional equivalents, dimensions and/or characteristics may vary slightly from those of comparable competitive relays. The final determination as to the suitability of an Omron equivalent for the buyer's purpose shall be the responsibility of the buyer alone. Omron urges that the buyer test and evaluate the Omron relays in the application. All recommendations and technical advice given by Omron are in the nature of opinions and do not create warranties, either expressed or implied, with respect to the fitness of a relay for the application to which it may be put.

Although due and responsible care has been exercised in compiling this cross-reference, clerical and typographical errors are possible and are subject to correction without notice.

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV101	G3VM-V	S	Aromat $I_o=500mA$, $V_L=40V$ (DC only), $R_{ON}=0.5\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$ (AC/DC), $R_{ON}=2\Omega$
AQV101A	G3VM-VF	S	Aromat $I_o=500mA$, $V_L=40V$ (DC only), $R_{ON}=0.5\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$ (AC/DC), $R_{ON}=2\Omega$
AQV102	G3VM-V	S	Aromat $I_o=400mA$ (DC only), $R_{ON}=0.7\Omega$ OMRON $I_{MAX}=300mA$ (AC/DC), $R_{ON}=2\Omega$
AQV102A	G3VM-VF	S	Aromat $I_o=400mA$ (DC only), $R_{ON}=0.7\Omega$ OMRON $I_{MAX}=300mA$ (AC/DC), $R_{ON}=2\Omega$
AQV103	G3VM-3	S	Aromat $I_o=200mA$, $V_L=250V$ (DC only), $R_{ON}=4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$ (AC/DC), $R_{ON}=35\Omega$
AQV103A	G3VM-3F	S	Aromat $I_o=200mA$, $V_L=250V$ (DC only), $R_{ON}=4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$ (AC/DC), $R_{ON}=35\Omega$
AQV104	G3VM-3	S	Aromat $I_o=150mA$, $V_L=400V$ (DC only), $R_{ON}=8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$ (AC/DC), $R_{ON}=35\Omega$
AQV104A	G3VM-3F	S	Aromat $I_o=150mA$, $V_L=400V$ (DC only), $R_{ON}=8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$ (AC/DC), $R_{ON}=35\Omega$
AQV201	G3VM-V	S	Aromat $I_o=500mA$, $V_L=40V$, $R_{ON}=1\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
AQV201A	G3VM-VF	S	Aromat $I_o=500mA$, $V_L=40V$, $R_{ON}=1\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
AQV202	G3VM-V	S	Aromat $I_o=400mA$, $R_{ON}=1.4\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=\Omega$
AQV202A	G3VM-VF	S	Aromat $I_o=400mA$, $R_{ON}=1.4\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=\Omega$
AQV203	G3VM-3	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV203A	G3VM-3F	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV204	G3VM-3	S	Aromat $I_o=150mA$, $V_L=400V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV204A	G3VM-3F	S	Aromat $I_o=150mA$, $V_L=400V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV210(E)	G3VM-3	S	Aromat $I_o=130mA$ OMRON $I_{MAX}=120mA$
AQV210(E)A	G3VM-3F	S	Aromat $I_o=130mA$ OMRON $I_{MAX}=120mA$
AQV210(E)H	G3VM-6	S	Aromat $I_o=130mA$, $V_L=350V$, $R_{ON}=35\Omega$ OMRON $I_{MAX}=150mA$, $V_L=400V$, $R_{ON}=12\Omega$
AQV210(E)HA	G3VM-6F	S	Aromat $I_o=130mA$, $V_L=350V$, $R_{ON}=35\Omega$ OMRON $I_{MAX}=150mA$, $V_L=400V$, $R_{ON}=12\Omega$
AQV210S	G3VM-S3	E	
AQV212(E)	G3VM-V	S	Aromat $I_o=400mA$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=35\Omega$
AQV212(E)A	G3VM-VF	S	Aromat $I_o=400mA$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=35\Omega$
AQV212(E)H	G3VM-6	S	Aromat $I_o=400mA$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$
AQV212(E)HA	G3VM-6F	S	Aromat $I_o=400mA$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$
AQV212S	G3VM-S3	S	Aromat $I_o=350mA$, $V_L=60V$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV214(E)	G3VM-3	S	Aromat $V_L=400V$, $R_{ON}=50\Omega$ OMRON $V_L=350V$, $R_{ON}=35\Omega$
AQV214(E)A	G3VM-3F	S	Aromat $V_L=400V$, $R_{ON}=50\Omega$ OMRON $V_L=350V$, $R_{ON}=35\Omega$
AQV214(E)H	G3VM-6	S	Aromat $I_o=120mA$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV214(E)HA	G3VM-6F	S	Aromat $I_o=120\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=150\text{mA}$, $R_{ON}=12\Omega$
AQV214S	G3VM-S3	S	Aromat $I_o=100\text{mA}$, $V_L=400\text{V}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV215(E)	G3VM-V	S	Aromat $I_o=320\text{mA}$, $V_L=100\text{V}$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
	G3VM-3	S	Aromat $I_o=320\text{mA}$, $V_L=100\text{V}$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV215(E)A	G3VM-VF	S	Aromat $I_o=320\text{mA}$, $V_L=100\text{V}$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
	G3VM-3F	S	Aromat $I_o=320\text{mA}$, $V_L=100\text{V}$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV215S	G3VM-S3	S	Aromat $I_o=320\text{mA}$, $V_L=100\text{V}$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV216(E)	G3VM-3	S	Aromat $I_o=50\text{mA}$, $V_L=600\text{V}$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV216(E)A	G3VM-3F	S	Aromat $I_o=50\text{mA}$, $V_L=600\text{V}$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV216S	G3VM-S3	S	Aromat $I_o=50\text{mA}$, $V_L=600\text{V}$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV217(E)	G3VM-V	S	Aromat $I_o=180\text{mA}$, $V_L=200\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
	G3VM-3	S	Aromat $I_o=180\text{mA}$, $V_L=200\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV217(E)A	G3VM-VF	S	Aromat $I_o=180\text{mA}$, $V_L=200\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
	G3VM-3F	S	Aromat $I_o=180\text{mA}$, $V_L=200\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV217S	G3VM-S3	S	Aromat $I_o=180\text{mA}$, $V_L=200\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV221	No Cross	NC	RF Photo-MOS
AQV224	No Cross	NC	RF Photo-MOS
AQV224N	No Cross	NC	RF Photo-MOS
AQV224NS	No Cross	NC	RF Photo-MOS
AQV225	No Cross	NC	RF Photo-MOS
AQV225N	No Cross	NC	RF Photo-MOS
AQV225NS	No Cross	NC	RF Photo-MOS
AQV227N	No Cross	NC	RF Photo-MOS
AQV227NS	No Cross	NC	RF Photo-MOS
AQV234	G3VM-3	S	Aromat $V_L=400\text{V}$, $R_{ON}=50\Omega$ OMRON $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV234A	G3VM-3F	S	Aromat $V_L=400\text{V}$, $R_{ON}=50\Omega$ OMRON $V_L=350\text{V}$, $R_{ON}=35\Omega$
AQV251	G3VM-V	S	Aromat $I_o=500\text{mA}$, $V_L=40\text{V}$, $R_{ON}=0.6\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
AQV251A	G3VM-VF	S	Aromat $I_o=500\text{mA}$, $V_L=40\text{V}$, $R_{ON}=0.6\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$
AQV252	G3VM-V	S	Aromat $I_o=400\text{mA}$, $V_L=60\text{V}$, $R_{ON}=0.74\Omega$ OMRON $I_{MAX}=300\text{mA}$, $V_L=60\text{V}$, $R_{ON}=2\Omega$

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV252A	G3VM-VF	S	Aromat $I_o=400mA$, $V_L=60V$, $R_{ON}=0.74\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
AQV253	G3VM-3	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=5.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV253A	G3VM-3F	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=5.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV253H	G3VM-6	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=5.5\Omega$ OMRON $I_{MAX}=150mA$, $V_L=400V$, $R_{ON}=12\Omega$
AQV253HA	G3VM-6F	S	Aromat $I_o=200mA$, $V_L=250V$, $R_{ON}=5.5\Omega$ OMRON $I_{MAX}=150mA$, $V_L=400V$, $R_{ON}=12\Omega$
AQV254	G3VM-3	S	Aromat $I_o=150mA$, $V_L=400V$, $R_{ON}=12.4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
	G3VM-6	S	Aromat $R_{ON}=12.4\Omega$, $I/O=2,500Vrms$ OMRON $R_{ON}=12\Omega$, $I/O=5,000Vrms$
AQV254A	G3VM-3F	S	Aromat $I_o=150mA$, $V_L=400V$, $R_{ON}=12.4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
	G3VM-6F	S	Aromat $R_{ON}=12.4\Omega$, $I/O=2,500Vrms$ OMRON $R_{ON}=12\Omega$, $I/O=5,000Vrms$
AQV254H	G3VM-6	S	Aromat $R_{ON}=16\Omega$ OMRON $R_{ON}=12\Omega$
AQV254HA	G3VM-6F	S	Aromat $R_{ON}=16\Omega$ OMRON $R_{ON}=12\Omega$
AQV254R	No Cross	NC	Aromat LED indicator
AQV254RA	No Cross	NC	Aromat LED indicator
AQV255	G3VM-V	S	Aromat $I_o=350mA$, $V_L=100V$, $R_{ON}=1.8\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3	S	Aromat $I_o=350mA$, $V_L=100V$, $R_{ON}=1.8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV255A	G3VM-VF	S	Aromat $I_o=350mA$, $V_L=100V$, $R_{ON}=1.8\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3F	S	Aromat $I_o=350mA$, $V_L=100V$, $R_{ON}=1.8\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV257	G3VM-V	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV257A	G3VM-VF	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3F	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV257M	G3VM-V	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV257MA	G3VM-VF	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=300mA$, $V_L=60V$, $R_{ON}=2\Omega$
	G3VM-3F	S	Aromat $I_o=250mA$, $V_L=200V$, $R_{ON}=2.6\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQV258	No Cross	NC	Aromat $I_o=20mA$, $V_L=1,500V$, $R_{ON}=345\Omega$
AQV258A	No Cross	NC	Aromat $I_o=20mA$, $V_L=1,500V$, $R_{ON}=345\Omega$
AQV259	No Cross	NC	Aromat $I_o=30mA$, $V_L=1,000V$, $R_{ON}=85\Omega$
AQV259A	No Cross	NC	Aromat $I_o=30mA$, $V_L=1,000V$, $R_{ON}=85\Omega$

AROMAT Photo-MOS Relay CROSS REFERENCE

Aromat Part Number	OMRON Part Number	Cross Type	Major Differences
AQV414	No Cross	NC	Aromat 1 Form B
AQV454	No Cross	NC	Aromat 1 Form B Relay
AQV454A	No Cross	NC	Aromat 1 Form B Relay
AQV454H	No Cross	NC	Aromat 1 Form B Relay
AQV454HA	No Cross	NC	Aromat 1 Form B Relay
AQW210	G3VM-W	S	Aromat $I_o=130mA$ OMRON $I_{MAX}=120mA$
AQW210A	G3VM-WF	S	Aromat $I_o=130mA$ OMRON $I_{MAX}=120mA$
AQW210S	G3VM-SW	S	Aromat $I_o=130mA$ OMRON $I_{MAX}=120mA$
AQW210TS	No Cross	NC	Aromat MOSFET + Optocoupler
AQW212	G3VM-W	S	Aromat $I_o=400mA$, $V_L=60V$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW212A	G3VM-WF	S	Aromat $I_o=400mA$, $V_L=60V$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW212S	G3VM-SY	S	Aromat $I_o=400mA$, $V_L=60V$, $R_{ON}=2.5\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW214	G3VM-W	S	Aromat $I_o=100mA$, $V_L=400V$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW214A	G3VM-WF	S	Aromat $I_o=100mA$, $V_L=400V$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW214S	G3VM-SW	S	Aromat $I_o=100mA$, $V_L=400V$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW215	G3VM-W	S	Aromat $I_o=300mA$, $V_L=100V$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW215A	G3VM-WF	S	Aromat $I_o=300mA$, $V_L=100V$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW215S	G3VM-SW	S	Aromat $I_o=300mA$, $V_L=100V$, $R_{ON}=4\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW216	G3VM-W	S	Aromat $I_o=40mA$, $V_L=600V$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW216A	G3VM-WF	S	Aromat $I_o=40mA$, $V_L=600V$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW216S	G3VM-SW	S	Aromat $I_o=40mA$, $V_L=600V$, $R_{ON}=120\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW217	G3VM-W	S	Aromat $I_o=160mA$, $V_L=200V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW217A	G3VM-WF	S	Aromat $I_o=160mA$, $V_L=200V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW217S	G3VM-SW	S	Aromat $I_o=160mA$, $V_L=200V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW254	G3VM-W	S	Aromat $I_o=360mA$, $V_L=400V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW254A	G3VM-WF	S	Aromat $I_o=360mA$, $V_L=400V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
AQW414	No Cross	NC	Aromat 2 Form B Relay
AQW414A	No Cross	NC	Aromat 2 Form B Relay
AQW414S	No Cross	NC	Aromat 2 Form B Relay

AROMAT Photo-MOS Relay CROSS REFERENCE

AROMAT Photo-MOS Relay CROSS REFERENCE

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
CPC1030N	G3VM-S2	E	
CPC1035N	G3VM-S2	S	CP Clare $I_L=100\text{mA}$ OMRON $I_{MAX}=120\text{mA}$
LAA110	G3VM-W	E	
LAA110S	G3VM-WF	E	
LAA110STR	G3VM-WF(TR)	E	
LAA120	G3VM-W	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA120S	G3VM-WF	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA120STR	G3VM-WF(TR)	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA125	G3VM-W	S	CP Clare $I_L=170\text{mA}$, $V_L=300\text{V}$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA125S	G3VM-WF	S	CP Clare $I_L=170\text{mA}$, $V_L=300\text{V}$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA125STR	G3VM-WF(TR)	S	CP Clare $I_L=170\text{mA}$, $V_L=300\text{V}$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA126	G3VM-W	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA126S	G3VM-WF	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA126STR	G3VM-WF(TR)	S	CP Clare $I_L=170\text{mA}$, $V_L=250\text{V}$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA127	G3VM-W	S	CP Clare $I_L=200\text{mA}$, $V_L=250\text{V}$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA127S	G3VM-WF	S	CP Clare $I_L=200\text{mA}$, $V_L=250\text{V}$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LAA127STR	G3VM-WF(TR)	S	CP Clare $I_L=200\text{mA}$, $V_L=250\text{V}$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
LBA110	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA110S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA110STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA120STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA126STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
LBA127STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
LBB110	No Cross	NC	CP Clare 2 Form B Relay
LBB110S	No Cross	NC	CP Clare 2 Form B Relay
LBB110STR	No Cross	NC	CP Clare 2 Form B Relay
LBB120	No Cross	NC	CP Clare 2 Form B Relay
LBB120S	No Cross	NC	CP Clare 2 Form B Relay
LBB120STR	No Cross	NC	CP Clare 2 Form B Relay
LBB126	No Cross	NC	CP Clare 2 Form B Relay
LBB126S	No Cross	NC	CP Clare 2 Form B Relay
LBB126STR	No Cross	NC	CP Clare 2 Form B Relay
LCA100	G3VM-3	S	CP Clare: $R_{ON}=25\Omega$ OMRON: $R_{ON}=35\Omega$
LCA100S	G3VM-3F	S	CP Clare: $R_{ON}=25\Omega$ OMRON: $R_{ON}=35\Omega$
LCA100STR	G3VM-3F(TR)	S	CP Clare: $R_{ON}=25\Omega$ OMRON: $R_{ON}=35\Omega$
LCA110	G3VM-3	E	
LCA110S	G3VM-3F	E	
LCA110STR	G3VM-3F(TR)	E	
LCA120	G3VM-3	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA120S	G3VM-3F	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA120STR	G3VM-3F(TR)	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=20\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA125	G3VM-3	S	CP Clare $I_L=170mA$, $V_L=300V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA125S	G3VM-3F	S	CP Clare $I_L=170mA$, $V_L=300V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA125STR	G3VM-3F(TR)	S	CP Clare $I_L=170mA$, $V_L=300V$, $R_{ON}=16\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA126	G3VM-3	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA126S	G3VM-3F	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA126STR	G3VM-3F(TR)	S	CP Clare $I_L=170mA$, $V_L=250V$, $R_{ON}=15\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA127	G3VM-3	S	CP Clare $I_L=200mA$, $V_L=250V$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA127S	G3VM-3F	S	CP Clare $I_L=200mA$, $V_L=250V$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA127STR	G3VM-3F(TR)	S	CP Clare $I_L=200mA$, $V_L=250V$, $R_{ON}=10\Omega$ OMRON $I_{MAX}=120mA$, $V_L=350V$, $R_{ON}=35\Omega$
LCA710	G3VM-V	S	CP Clare $I_L=1,000mA$, $R_{ON}=0.5\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=1.4\Omega$
LCA710S	G3VM-VF	S	CP Clare $I_L=1,000mA$, $R_{ON}=0.5\Omega$ OMRON $I_{MAX}=300mA$, $R_{ON}=1.4\Omega$

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
LCA710STR	G3VM-VF(TR)	S	CP Clare $I_L=1,000\text{mA}$, $R_{ON}=0.5\Omega$ OMRON $I_{MAX}=300\text{mA}$, $R_{ON}=1.4\Omega$
LCB110	No Cross	NC	CP Clare 1 Form B Relay
LCB110S	No Cross	NC	CP Clare 1 Form B Relay
LCB110STR	No Cross	NC	CP Clare 1 Form B Relay
LCB120	No Cross	NC	CP Clare 1 Form B Relay
LCB120S	No Cross	NC	CP Clare 1 Form B Relay
LCB120STR	No Cross	NC	CP Clare 1 Form B Relay
LCB126	No Cross	NC	CP Clare 1 Form B Relay
LCB126S	No Cross	NC	CP Clare 1 Form B Relay
LCB126STR	No Cross	NC	CP Clare 1 Form B Relay
LCB127	No Cross	NC	CP Clare 1 Form B Relay
LCB127S	No Cross	NC	CP Clare 1 Form B Relay
LCB127STR	No Cross	NC	CP Clare 1 Form B Relay
LCC110	No Cross	NC	CP Clare 1 Form C Relay
LCC110S	No Cross	NC	CP Clare 1 Form C Relay
LCC110STR	No Cross	NC	CP Clare 1 Form C Relay
LCC120	No Cross	NC	CP Clare 1 Form C Relay
LCC120S	No Cross	NC	CP Clare 1 Form C Relay
LCC120STR	No Cross	NC	CP Clare 1 Form C Relay
OAA160	Closest Equivalent: G3VM-W	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
OAA160S	Closest Equivalent: G3VM-WF	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
OAA160STR	Closest Equivalent: G3VM-WF(TR)	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
OMA160	Closest Equivalent: G3VM-3	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
OMA160S	Closest Equivalent: G3VM-3F	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
OMA160STR	Closest Equivalent: G3VM-3F(TR)	S	CP Clare $I_L=50\text{mA}$, $V_L=250V$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
PAA110	G3VM-W	S	CP Clare $I_L=150\text{mA}$, $V_L=400V$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
PAA110S	G3VM-WF	S	CP Clare $I_L=150\text{mA}$, $V_L=400V$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
PAA110STR	G3VM-WF(TR)	S	CP Clare $I_L=150\text{mA}$, $V_L=400V$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$
PAA140	Closest Equivalent: G3VM-W	S	CP Clare $I_L=250\text{mA}$, $V_L=400V$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350V$, $R_{ON}=35\Omega$

CP Clare OptoMOS Relay Cross Reference

CP Clare Part Number	OMRON Part Number	Cross Type	Major Differences
PAA140S	Closest Equivalent: G3VM-WF	S	CP Clare $I_L=250\text{mA}$, $V_L=400\text{V}$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
PAA140STR	Closest Equivalent: G3VM-WF(TR)	S	CP Clare $I_L=250\text{mA}$, $V_L=400\text{V}$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
PLA110	G3VM-3	S	CP Clare $I_L=150\text{mA}$, $V_L=400\text{V}$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6	S	CP Clare I/O=3,750Vrms, $R_{ON}=22\Omega$ OMRON I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA110S	G3VM-3F	S	CP Clare $I_L=150\text{mA}$, $V_L=400\text{V}$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6F	S	CP Clare I/O=3,750Vrms, $R_{ON}=22\Omega$ OMRON I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA110STR	G3VM-3F(TR)	S	CP Clare $I_L=150\text{mA}$, $V_L=400\text{V}$, $R_{ON}=22\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6F(TR)	S	CP Clare I/O=3,750Vrms, $R_{ON}=22\Omega$ OMRON I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA140	G3VM-3	S	CP Clare $I_L=250\text{mA}$, $V_L=400\text{V}$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6	S	CP Clare $I_L=250\text{mA}$, I/O=3,750Vrms, $R_{ON}=8\Omega$ OMRON $I_{MAX}=150\text{mA}$, I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA140S	G3VM-3F	S	CP Clare $I_L=250\text{mA}$, $V_L=400\text{V}$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6F	S	CP Clare $I_L=250\text{mA}$, I/O=3,750Vrms, $R_{ON}=8\Omega$ OMRON $I_{MAX}=150\text{mA}$, I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA140STR	G3VM-3F(TR)	S	CP Clare $I_L=250\text{mA}$, $V_L=400\text{V}$, $R_{ON}=8\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
	G3VM-6F(TR)	S	CP Clare $I_L=250\text{mA}$, I/O=3,750Vrms, $R_{ON}=8\Omega$ OMRON $I_{MAX}=150\text{mA}$, I/O=5,000Vrms, $R_{ON}=12\Omega$
PLA160	Closest Equivalent: G3VM-3	S	CP Clare $I_L=50\text{mA}$, $V_L=300\text{V}$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
PLA160S	Closest Equivalent: G3VM-3F	S	CP Clare $I_L=50\text{mA}$, $V_L=300\text{V}$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
PLA160STR	Closest Equivalent: G3VM-3F(TR)	S	CP Clare $I_L=50\text{mA}$, $V_L=300\text{V}$, $R_{ON}=100\Omega$ OMRON $I_{MAX}=120\text{mA}$, $V_L=350\text{V}$, $R_{ON}=35\Omega$
XAA170	G3VM-W	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$
XAA170S	G3VM-WF	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$
XAA170STR	G3VM-WF(TR)	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$
XBA170	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBA170S	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBA170STR	No Cross	NC	CP Clare 1 Form A + 1 Form B Relay
XBB170	No Cross	NC	CP Clare 2 Form B Relay
XBB170S	No Cross	NC	CP Clare 2 Form B Relay
XBB170STR	No Cross	NC	CP Clare 2 Form B Relay
XCA170	G3VM-3	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$
XCA170S	G3VM-3F	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$
XCA170STR	G3VM-3F(TR)	S	CP Clare $I_L=100\text{mA}$, $R_{ON}=50\Omega$ OMRON $I_{MAX}=120\text{mA}$, $R_{ON}=35\Omega$

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1085AAB1	G3VM-3F	S	Infineon $I_o=135\text{mA}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1085AAB1-TR	G3VM-3F(TR)	S	Infineon $I_o=135\text{mA}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1085AT1	G3VM-3	S	Infineon $I_o=135\text{mA}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1156AAB	G3VM-3F	S	Infineon $R_{ON}=50\Omega$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $R_{ON}=35\Omega$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1156AAB-TR	G3VM-3F(TR)	S	Infineon $R_{ON}=50\Omega$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $R_{ON}=35\Omega$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1156AT	G3VM-3	S	Infineon $R_{ON}=50\Omega$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $R_{ON}=35\Omega$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1191AAB1	G3VM-3F	S	Infineon $V_L=280\text{V}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $V_L=350\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1191AAB1-TR	G3VM-3F(TR)	S	Infineon $V_L=280\text{V}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $V_L=350\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1191AT1	G3VM-3	S	Infineon $V_L=280\text{V}$, $I/O=3,750\text{Vrms}$ (1 second) OMRON $V_L=350\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
LH1262	No Cross	NC	MOSFET Driver
LH1485	No Cross	NC	MOSFET Driver
LH1500AAB	G3VM-3F	S	Infineon $I_o=150\text{mA}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
	G3VM-6F	S	Infineon $V_L=350\text{V}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $V_L=400\text{mA}$, $I/O=5,000\text{Vrms}$ (1 minute)
LH1500AAB-TR	G3VM-3F(TR)	S	Infineon $I_o=150\text{mA}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
	G3VM-6F(TR)	S	Infineon $V_L=350\text{V}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $V_L=400\text{mA}$, $I/O=5,000\text{Vrms}$ (1 minute)
LH1500AT	G3VM-3	S	Infineon $I_o=150\text{mA}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $I_{MAX}=120\text{mA}$, $I/O=2,500\text{Vrms}$ (1 minute)
	G3VM-6	S	Infineon $V_L=350\text{V}$, $I/O=5,300\text{Vrms}$ (1 second) OMRON $V_L=400\text{mA}$, $I/O=5,000\text{Vrms}$ (1 minute)
LH1501AAB	No Cross	NC	Infineon 1 Form B Relay
LH1501AAB-TR	No Cross	NC	Infineon 1 Form B Relay
LH1501AT	No Cross	NC	Infineon 1 Form B Relay
LH1502AAC	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1502AAC-TR	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1502AB	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1503AAC	No Cross	NC	Single Source 2 Form A
LH1503AAC-TR	No Cross	NC	Single Source 2 Form A
LH1503AB	No Cross	NC	Single Source 2 Form A
LH1504AAB	G3VM-6F	S	Infineon $I_o=95\text{mA}$, $R_{ON}=35\Omega$, $I/O=5,300\text{Vrms}$ (1 sec) OMRON $I_{MAX}=150\text{mA}$, $R_{ON}=12\Omega$, $I/O=5,000\text{Vrms}$ (1 minute)
LH1504AAB-TR	G3VM-6F(TR)	S	Infineon $I_o=95\text{mA}$, $R_{ON}=35\Omega$, $I/O=5,300\text{Vrms}$ (1 sec) OMRON $I_{MAX}=150\text{mA}$, $R_{ON}=12\Omega$, $I/O=5,000\text{Vrms}$ (1 minute)
LH1504AT	G3VM-6	S	Infineon $I_o=95\text{mA}$, $R_{ON}=35\Omega$, $I/O=5,300\text{Vrms}$ (1 sec) OMRON $I_{MAX}=150\text{mA}$, $R_{ON}=12\Omega$, $I/O=5,000\text{Vrms}$ (1 minute)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1505AAC	G3VM-WF	S	Infineon $V_L=250V$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1505AAC-TR	G3VM-WF(TR)	S	Infineon $V_L=250V$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1505AB	G3VM-W	S	Infineon $V_L=250V$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1510AAB	G3VM-6F	S	Infineon $V_L=200V$, $I_o=200mA$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1510AAB-TR	G3VM-6F(TR)	S	Infineon $V_L=200V$, $I_o=200mA$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1510AT	G3VM-6	S	Infineon $V_L=200V$, $I_o=200mA$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1511AAB	No Cross	NC	Infineon 1 Form B Relay
LH1511AAB-TR	No Cross	NC	Infineon 1 Form B Relay
LH1511AT	No Cross	NC	Infineon 1 Form B Relay
LH1512AAC	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1512AAC-TR	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1512AB	No Cross	NC	Infineon 1 Form A + 1 Form B Relay
LH1513AAC	No Cross	NC	Single Source 2 Form A
LH1513AAC-TR	No Cross	NC	Single Source 2 Form A
LH1513AB	No Cross	NC	Single Source 2 Form A
LH1514AAC	No Cross	NC	2 Form A RF Relay
LH1514AAC-TR	No Cross	NC	2 Form A RF Relay
LH1514AB	No Cross	NC	2 Form A RF Relay
LH1516AAB	G3VM-3F	S	Infineon $V_L=400V$, $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1516AAB-TR	G3VM-3F(TR)	S	Infineon $V_L=400V$, $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1516AT	G3VM-3	S	Infineon $V_L=400V$, $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $I_o=200mA$, $R_{ON}=10\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1517AAB	Closest Equivalent: G3VM-VF	S	Infineon $V_L=150V$, $I_o=400mA$, $R_{ON}=3.0\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=1.4\Omega$, $I/O=2,500Vrms$ (1 min)
LH1517AAB-TR	Closest Equivalent: G3VM-VF(TR)	S	Infineon $V_L=150V$, $I_o=400mA$, $R_{ON}=3.0\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=1.4\Omega$, $I/O=2,500Vrms$ (1 min)
LH1517AT	Closest Equivalent: G3VM-V	S	Infineon $V_L=150V$, $I_o=400mA$, $R_{ON}=3.0\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=1.4\Omega$, $I/O=2,500Vrms$ (1 min)
LH1518AAB	G3VM-3F	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1518AAB-TR	G3VM-3F(TR)	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1518AT	G3VM-3	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $V_L=250V$, $I_o=130mA$, $R_{ON}=20\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1519AAB	G3VM-3F	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-VF	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2\Omega$, $I/O=2,500Vrms$ (1 min)
LH1519AAB-TR	G3VM-3F(TR)	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-VF(TR)	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2\Omega$, $I/O=2,500Vrms$ (1 min)
LH1519AT	G3VM-3	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-V	S	Infineon $V_L=250V$, $I_o=225mA$, $R_{ON}=10\Omega$, $I/O=3,500Vrms$ (1 sec) OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2\Omega$, $I/O=2,500Vrms$ (1 min)
LH1520AAC	G3VM-WF	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1520AAC-TR	G3VM-WF(TR)	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1520AB	G3VM-W	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1521AAC	No Cross	NC	Infineon Dual 1 Form B Relay
LH1521AAC-TR	No Cross	NC	Infineon Dual 1 Form B Relay
LH1521AB	No Cross	NC	Infineon Dual 1 Form B Relay
LH1522AAC	G3VM-WF	S	Infineon $V_L=200V$, $I_o=140mA$, $R_{ON}=15\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1522AAC-TR	G3VM-WF(TR)	S	Infineon $V_L=200V$, $I_o=140mA$, $R_{ON}=15\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1522AB	G3VM-W	S	Infineon $V_L=200V$, $I_o=140mA$, $R_{ON}=15\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1523AAC	No Cross	NC	Infineon Dual 1 Form B Relay
LH1523AAC-TR	No Cross	NC	Infineon Dual 1 Form B Relay
LH1523AB	No Cross	NC	Infineon Dual 1 Form B Relay
LH1524AAC	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1524AAC-TR	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1524AB	No Cross	NC	Infineon Dual 1 Form A Relay with Control Circuit
LH1525AAB	G3VM-3F	S	Infineon $V_L=400V$, $I_o=120mA$, $R_{ON}=33\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $I_o=120mA$, $R_{ON}=33\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1525AAB-TR	G3VM-3F(TR)	S	Infineon $V_L=400V$, $I_o=120mA$, $R_{ON}=33\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $I_o=120mA$, $R_{ON}=33\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1525ACD	No Cross	NC	1 Form A PCMCIA Relay with Heat Sink
LH1525AT	G3VM-3	S	Infineon $V_L=400V$, $I_o=120mA$, $R_{ON}=33\Omega$, I/O=5,300Vrms (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon $I_o=120mA$, $R_{ON}=33\Omega$, I/O=5,300Vrms (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, I/O=5,000Vrms (1 min)
LH1526AAC	G3VM-WF	S	Infineon $V_L=400V$, $I_o=90mA$, $R_{ON}=33\Omega$, I/O=3,750Vrms (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, I/O=5,000Vrms (1 min)
LH1526AAC-TR	G3VM-WF(TR)	S	Infineon $V_L=400V$, $I_o=90mA$, $R_{ON}=33\Omega$, I/O=3,750Vrms (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, I/O=5,000Vrms (1 min)
LH1526AB	G3VM-W	S	Infineon $V_L=400V$, $I_o=90mA$, $R_{ON}=33\Omega$, I/O=3,750Vrms (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, I/O=5,000Vrms (1 min)
LH1526ACE	No Cross	NC	Dual 1 Form A, 18-PIN PCMCIA Relay
LH1527BAB	No Cross	NC	Infineon 1 Form C Relay
LH1527BAB-TR	No Cross	NC	Infineon 1 Form C Relay
LH1527BAC	No Cross	NC	Infineon 1 Form C Relay
LH1527BAC-TR	No Cross	NC	Infineon 1 Form C Relay
LH1527BB	No Cross	NC	Infineon 1 Form C Relay
LH1527BT	No Cross	NC	Infineon 1 Form C Relay
LH1528AAC	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1528AAC-TR	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1528AB	No Cross	NC	Infineon 1 Form B + Optocoupler Relay
LH1529AAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1529AAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1529AB	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1529BB	No Cross	NC	1 Form A + Optocoupler Relay
LH1530AAB	G3VM-3F	S	Infineon $I_o=150mA$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $I_o=120mA$, $R_{ON}=35\Omega$, I/O=2,500Vrms (1 min)
	G3VM-6F	S	Infineon $V_L=350V$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $V_L=400V$, $R_{ON}=12\Omega$, I/O=5,000Vrms (1 min)
LH1530AAB-TR	G3VM-3F(TR)	S	Infineon $I_o=150mA$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $I_o=120mA$, $R_{ON}=35\Omega$, I/O=2,500Vrms (1 min)
	G3VM-6F(TR)	S	Infineon $V_L=350V$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $V_L=400V$, $R_{ON}=12\Omega$, I/O=5,000Vrms (1 min)
LH1530AT	G3VM-3	S	Infineon $I_o=150mA$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $I_o=120mA$, $R_{ON}=35\Omega$, I/O=2,500Vrms (1 min)
	G3VM-6	S	Infineon $V_L=350V$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $V_L=400V$, $R_{ON}=12\Omega$, I/O=5,000Vrms (1 min)
LH1531AAC	G3VM-WF	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, I/O=5,300Vrms (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, I/O=5,000Vrms (1 minute)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1531AAC-TR	G3VM-WF(TR)	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1531AB	G3VM-W	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1532AAC	G3VM-WF	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1532AAC-TR	G3VM-WF(TR)	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1532AB	G3VM-W	S	Infineon $I_o=110mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1533AAC	G3VM-WF	S	Infineon $I_o=70mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1533AAC-TR	G3VM-WF(TR)	S	Infineon $I_o=70mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1533AB	G3VM-W	S	Infineon $I_o=70mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=5,000Vrms$ (1 minute)
LH1535AAB	G3VM-3F	S	Infineon $V_L=400mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1535AAB-TR	G3VM-3F(TR)	S	Infineon $V_L=400mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1535AT	G3VM-3	S	Infineon $V_L=400mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1537AAB	No Cross	NC	Infineon 1 Form C Relay
LH1537AAB-TR	No Cross	NC	Infineon 1 Form C Relay
LH1537AAC	No Cross	NC	Infineon 1 Form C Relay
LH1537AAC-TR	No Cross	NC	Infineon 1 Form C Relay
LH1537AB	No Cross	NC	Infineon 1 Form C Relay
LH1537AT	No Cross	NC	Infineon 1 Form C Relay
LH1539AAC	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1539AAC-TR	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1539AB	No Cross	NC	Infineon 1 Form A + Darlington Relay
LH1540AAB	G3VM-3F	S	Infineon $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $V_L=350V$, $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1540AAB-TR	G3VM-3F(TR)	S	Infineon $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $V_L=350V$, $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1540AT	G3VM-3	S	Infineon $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $V_L=350V$, $I_o=120mA$, $R_{ON}=25\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)

Infineon (Siemens, AT&T) Solid State Relay Cross Reference

Infineon Part Number	OMRON Part Number	Cross Type	Major Differences
LH1541AAB1	G3VM-3F	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1541AAB1-TR	G3VM-3F(TR)	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1541AT1	G3VM-3	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $V_L=200V$, $I_o=50mA$, $R_{ON}=160\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1544AAC	G3VM-WF	S	Infineon $V_L=200V$, $I_o=40mA$, $R_{ON}=160\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1544AAC-TR	G3VM-WF(TR)	S	Infineon $V_L=200V$, $I_o=40mA$, $R_{ON}=160\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1544AB	G3VM-W	S	Infineon $V_L=200V$, $I_o=40mA$, $R_{ON}=160\Omega$, $I/O=3,750Vrms$ (1 sec) OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
LH1547AAB1	G3VM-6F	S	Infineon $I_o=95mA$, $I/O=5,300Vrms$ (1 sec) OMRON $I_o=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1547AAB1-TR	G3VM-6F(TR)	S	Infineon $I_o=95mA$, $I/O=5,300Vrms$ (1 sec) OMRON $I_o=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1547AT1	G3VM-6	S	Infineon $I_o=95mA$, $I/O=5,300Vrms$ (1 sec) OMRON $I_o=150mA$, $I/O=5,000Vrms$ (1 minute)
LH1548ACE	No Cross	NC	1 Form A + Optocoupler PCMCIA Relay
LH1549AAC	No Cross	NC	1 Form A + Optocoupler Relay
LH1549AAC-TR	No Cross	NC	1 Form A + Optocoupler Relay
LH1549AB	No Cross	NC	1 Form A + Optocoupler Relay
LH1550AAB1	G3VM-3F	S	Infineon $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F	S	Infineon $V_L=350V$, $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1550AAB1-TR	G3VM-3F(TR)	S	Infineon $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6F(TR)	S	Infineon $V_L=350V$, $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH1550AT1	G3VM-3	S	Infineon $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $I_{MAX}=120mA$, $R_{ON}=35\Omega$, $I/O=2,500Vrms$ (1 min)
	G3VM-6	S	Infineon $V_L=350V$, $I_o=100mA$, $R_{ON}=50\Omega$, $I/O=5,300Vrms$ (1 sec) OMRON $V_L=400V$, $I_{MAX}=150mA$, $R_{ON}=12\Omega$, $I/O=5,000Vrms$ (1 min)
LH2559	No Cross	NC	DAA Interface

NEC (CEL) OCMOSFET Relay Cross Reference

NEC (CEL) Part Number	OMRON Part Number	Cross Type	Major Differences
PS7111-2A	Closest Equivalent: G3VM-W	S	NEC $V_L=100V$, $I_L=100mA$, $R_{ON}=6\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7111L-2A	Closest Equivalent: G3VM-WF	S	NEC $V_L=100V$, $I_L=100mA$, $R_{ON}=6\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7112-1A	Closest Equivalent: G3VM-V	S	NEC $V_L=100V$, $I_L=200mA$, $R_{ON}=6\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2\Omega$
	Next Closest Equivalent: G3VM-3	S	NEC $V_L=100V$, $I_L=200mA$, $R_{ON}=6\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=2\Omega$
PS7112L-1A	Closest Equivalent: G3VM-VF	S	NEC $V_L=100V$, $I_L=200mA$, $R_{ON}=6\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2\Omega$
	Next Closest Equivalent: G3VM-3F	S	NEC $V_L=100V$, $I_L=200mA$, $R_{ON}=6\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=2\Omega$
PS7113-1A	Closest Equivalent: G3VM-V	S	NEC $V_L=100V$, $I_L=350mA$, $R_{ON}=2.5\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
PS7113-2A	Closest Equivalent: G3VM-W	S	NEC $V_L=100V$, $I_L=350mA$, $R_{ON}=2.5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7113L-1A	Closest Equivalent: G3VM-VF	S	NEC $V_L=100V$, $I_L=350mA$, $R_{ON}=2.5\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
PS7113L-2A	Closest Equivalent: G3VM-WF	S	NEC $V_L=100V$, $I_L=350mA$, $R_{ON}=2.5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122-1A	Closest Equivalent: G3VM-V	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5.0\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
	Next Closest Equivalent: G3VM-3	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122-2A	Closest Equivalent: G3VM-W	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122A-1A	Closest Equivalent: G3VM-V	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=5.0\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
	Next Closest Equivalent: G3VM-3	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122A-1B	No Cross	NC	NEC 1 Form B Relay
PS7122A-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7122A-2A	Closest Equivalent: G3VM-W	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=8\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122A-2B	No Cross	NC	NEC 2 Form B Relay
PS7122AL-1A	Closest Equivalent: G3VM-VF	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=5.0\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
	Next Closest Equivalent: G3VM-3F	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122AL-1B	No Cross	NC	NEC 1 Form B Relay
PS7122AL-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7122AL-2A	Closest Equivalent: G3VM-WF	S	NEC $V_L=250V$, $I_L=200mA$, $R_{ON}=8\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122AL-2B	No Cross	NC	NEC 2 Form B Relay
PS7122L-1A	Closest Equivalent: G3VM-VF	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5.0\Omega$ OMRON $V_L=60V$, $I_{MAX}=300mA$, $R_{ON}=2.0\Omega$
	Next Closest Equivalent: G3VM-3F	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7122L-2A	Closest Equivalent: G3VM-WF	S	NEC $V_L=200V$, $I_L=200mA$, $R_{ON}=5\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$
PS7141-1A	G3VM-3	S	NEC $V_L=400V$, $I_L=150mA$, $R_{ON}=40\Omega$ OMRON $V_L=350V$, $I_{MAX}=120mA$, $R_{ON}=35\Omega$

NEC (CEL) OCMOSFET Relay Cross Reference

NEC (CEL) Part Number	OMRON Part Number	Cross Type	Major Differences
PS7141-1A	G3VM-6	S	NEC I/O=1,500Vrms, R _{ON} =40Ω OMRON I/O=5,000Vrms, R _{ON} =12Ω
PS7141-1B	No Cross	NC	NEC 1 Form B Relay
PS7141-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7141-2A	G3VM-W	S	NEC V _L =400V, I _L =150mA, R _{ON} =30Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
PS7141-2B	No Cross	NC	NEC 2 Form B Relay
PS7141L-1A	G3VM-3F	S	NEC V _L =400V, I _L =150mA, R _{ON} =40Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
	G3VM-6F	S	NEC I/O=1,500Vrms, R _{ON} =40Ω OMRON I/O=5,000Vrms, R _{ON} =12Ω
PS7141L-1B	No Cross	NC	NEC 1 Form B Relay
PS7141L-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7141L-2A	G3VM-WF	S	NEC V _L =400V, I _L =150mA, R _{ON} =30Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
PS7141L-2B	No Cross	NC	NEC 2 Form B Relay
PS7142-1A	G3VM-3	S	NEC V _L =400V, I _L =200mA, R _{ON} =10Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
	G3VM-6	S	NEC I _L =200mA, I/O=1,500Vrms, R _{ON} =10Ω OMRON I _{MAX} =150mA, I/O=5,000Vrms, R _{ON} =12Ω
PS7142-1B	No Cross	NC	NEC 1 Form B Relay
PS7142-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7142-2A	G3VM-W	S	NEC V _L =400V, I _L =200mA, R _{ON} =12Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
PS7142-2B	No Cross	NC	NEC 2 Form B Relay
PS7142L-1A	G3VM-3F	S	NEC V _L =400V, I _L =200mA, R _{ON} =10Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
	G3VM-6F	S	NEC I _L =200mA, I/O=1,500Vrms, R _{ON} =10Ω OMRON I _{MAX} =150mA, I/O=5,000Vrms, R _{ON} =12Ω
PS7142L-1B	No Cross	NC	NEC 1 Form B Relay
PS7142L-1C	No Cross	NC	NEC 1 Form A + 1 Form B Relay
PS7142L-2A	G3VM-WF	S	NEC V _L =400V, I _L =200mA, R _{ON} =12Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =35Ω
PS7142L-2B	No Cross	NC	NEC 2 Form B Relay
PS7160-1A	Closest Equivalent: G3VM-6	S	NEC I _L =200mA, V _L =600V, I/O=1,500Vrms, R _{ON} =50Ω OMRON I _{MAX} =150mA, V _L =400V, I/O=5,000Vrms, R _{ON} =12Ω
PS7160-2A	Closest Equivalent: G3VM-W	S	NEC V _L =600V, I _L =90mA, R _{ON} =50Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =12Ω
PS7160L-1A	Closest Equivalent: G3VM-6F	S	NEC I _L =200mA, V _L =600V, I/O=1,500Vrms, R _{ON} =50Ω OMRON I _{MAX} =150mA, V _L =400V, I/O=5,000Vrms, R _{ON} =12Ω
PS7160L-2A	Closest Equivalent: G3VM-WF	S	NEC V _L =600V, I _L =90mA, R _{ON} =50Ω OMRON V _L =350V, I _{MAX} =120mA, R _{ON} =12Ω
PS7200A-1A	Closest Equivalent: G3VM-S5	S	NEC V _L =40V, I _L =100mA, R _{ON} =12Ω OMRON V _L =200V, I _{MAX} =150mA, R _{ON} =8Ω
PS7200B-1A	Closest Equivalent: G3VM-S5	S	NEC V _L =40V, I _L =250mA, R _{ON} =1.5Ω OMRON V _L =200V, I _{MAX} =150mA, R _{ON} =8Ω

NEC (CEL) OCMOSFET Relay Cross Reference



www.omron.com/oei

OMRON ELECTRONICS, INC.
Consumer & Commercial Division
Schaumburg, IL

OMRON CANADA, INC.
Scarborough, Ontario

24 Hour Control Fax
United States 847.843.1963
Canada 877.599.4264

© 2000 OMRON ELECTRONICS, INC

RLY XREF1 1/00/1M

UNITED STATES REGIONAL SALES OFFICES AUTHORIZED DISTRIBUTOR:

Atlanta, GA	770.798.6780
Boston, MA	978.762.6400
Chicago, IL	847.882.2288
Cincinnati, OH	513.469.5730
Dallas, TX	972.243.5181
Philadelphia, PA	610.524.1897
Los Angeles, CA - North	805.583.5559
Los Angeles, CA - South	714.621.3463
San Francisco, CA	408.354.2553

CANADA REGIONAL SALES OFFICE

Toronto	416.286.6465
----------------	--------------

MEXICO SALES OFFICE

Guadalajara	52.3.684.10.51
--------------------	----------------

BRAZIL SALES OFFICE

Sao Paulo	55.11.5564.6488
------------------	-----------------

ARGENTINA SALES OFFICE

Buenos Aires	54.114.787.1129
---------------------	-----------------