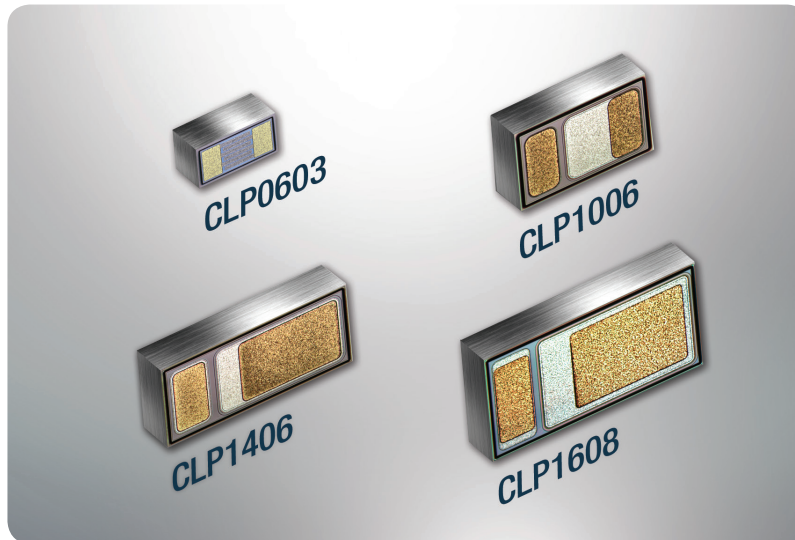




DIODES

FlipKY® Gen 2 Schottky Diodes

FlipKY® Gen 2 Schottky Diodes in CLP Package Series for High Speed Switching Applications



KEY BENEFITS

FlipKY® Gen 2 Schottky diodes offer low forward voltage drops and low reverse currents in four package sizes

- CLP0603-2M package
 - Dimensions: 0.6 mm x 0.3 mm x 0.29 mm
- CLP1006-2L (VSKY) package
 - Dimensions: 1.0 mm x 0.6 mm x 0.29 mm
- CLP1406-2L (VSKY) package
 - Dimensions: 1.4 mm x 0.6 mm x 0.29 mm
- CLP1608-2L package
 - Dimensions: 1.6 mm x 0.8 mm x 0.31 mm

RoHS-compliant and halogen-free

APPLICATIONS

- High speed switching

RESOURCES

- Datasheets: please see table on next page for the list of products
- For more information on CLP Package Series, visit <http://www.vishay.com/landingpage/diodes/clp/index.html>
- For technical questions, contact: DiodesAmericas@vishay.com, DiodesEurope@vishay.com, DiodesAsia@vishay.com
- Material categorization: for definitions of compliance, please see <http://www.vishay.com/doc?99912>





DIODES

FlipKY® Gen 2 Schottky Diodes

SMALL SIGNAL SCHOTTKY DIODES FlipKY® GEN 2

SERIES	PACKAGE	V _R MAX. (mA)	I _F MAX. (mA)	V _F MAX. at I _F (mV at mA)	CIRCUIT CONFIGURATION	AEC-Q101 QUALIFIED	3D MODEL	SPICE MODEL
VSKY02300603	CLP0603-2M	30	200	500 at 200	Single	No	Yes	Yes
VSKY02400603	CLP0603-2M	40	200	540 at 200	Single	No	Yes	Yes

SURFACE-MOUNT SCHOTTKY RECTIFIERS FlipKY® GEN 2

SERIES	PACKAGE	I _{F(AV)} (A)	REV. VOLTAGE (V)	V _F at I _F (V at A)	T _J MAX. (°C)	AEC-Q101 QUALIFIED	3D MODEL	SPICE MODEL
VSKY05201006	CLP1006-2L (VSKY)	0.5	20	0.345	150	No	Yes	Yes
VSKY05301006	CLP1006-2L (VSKY)	0.5	30	0.36	150	No	Yes	Yes
VSKY05401006	CLP1006-2L (VSKY)	0.5	40	0.36	150	No	Yes	Yes
VSKY10201406	CLP1406-2L (VSKY)	1	20	0.4	150	No	Yes	Yes
VSKY10301406	CLP1406-2L (VSKY)	1	30	0.42	150	No	Yes	Yes
VSKY10401406	CLP1406-2L (VSKY)	1	40	0.42	150	No	Yes	Yes
VSKY20301608	CLP1608-2L	2	30	0.32	125	No	Yes	Yes
VSKY20401608	CLP1608-2L	2	40	0.35	125	No	Yes	Yes



RoHS
COMPLIANT

HALOGEN
FREE

GREEN
(5-2008)