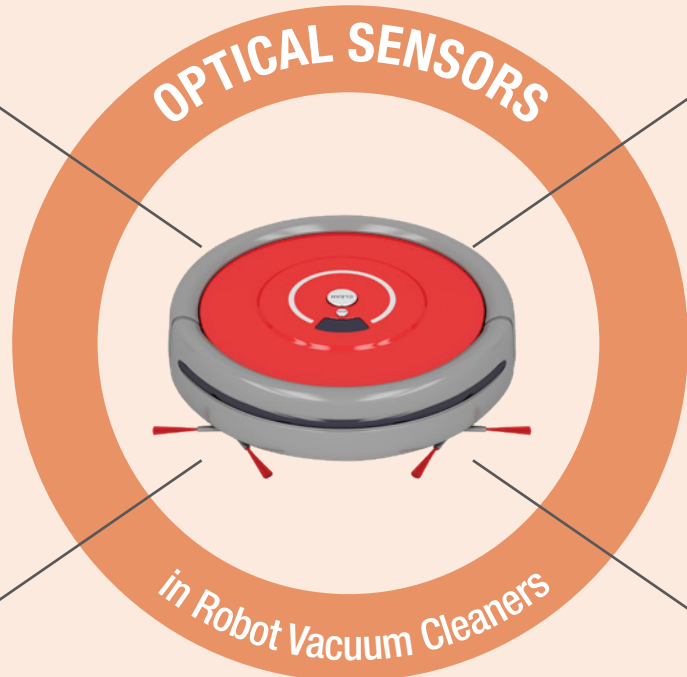




OPTICAL SENSORS IN ROBOT VACUUM CLEANERS



DOCK SENSOR

HELPS THE ROBOT TO GET BACK TO THE DOCKING STATION

FOCUS PRODUCTS



TSAL6100
IR EMITTER

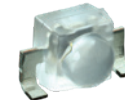


TSSP4038
IR RECEIVER

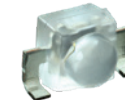
COLLISION SENSOR

HELPS THE ROBOT TO AVOID RUNNING INTO THE WALLS

FOCUS PRODUCTS



VSMB2943SLX01
IR EMITTER



VEMT2523SLX01
PHOTOTRANSISTOR



VCNL4200
PROXIMITY SENSOR

CLIFF SENSOR

KEEPS THE ROBOT FROM FALLING DOWN THE STAIRS

FOCUS PRODUCTS



TSAL4400
IR EMITTER

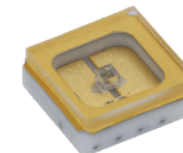


TEFD4300
PHOTODIODE

UVC SENSOR

HELPS THE ROBOT TO DISINFECT SURFACES

FOCUS PRODUCTS



VLMU35XX SERIES
UVC EMITTER DIODE

COMPETITIVE ADVANTAGE

- Portfolio covering wide array of packages
- Analog and digital solutions
- Offers matching IR emitter-detector pairs
- Flexibility for customized products

For technical questions: sensorstechsupport@vishay.com

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