



General Information

Series	QGS
Type	Gas Detection
Style	SMD
Description	Evaluation Kit
Features	Small SMD Package, 12C Communication Compatible, High Dynamic Range
RoHS	With Exemptions
REACH	SVHC (PZT - CAS 12626-81-2)
SCIP Number	bc4e3452-d0d0-4c97-93bd-778b4e41f2f2
Qualifications	REACH
MSL	3

Specifications

Temperature Range	-40/+85°C
Power Supply Voltage	1.75 - 3.6 V
Current	1 - 23 uA (Supply Current, Typical)
Miscellaneous	Includes 1 sensor: USEQGSEAC82180.
D*	$2.5 \times 10^8 \text{ cm} \sqrt{\text{Hz}} / \text{W}$
NEP	$2.7 \times 10^{-10} \text{ W} / \sqrt{\text{Hz}}$
Time Constant	10ms (10-20 Hz peak)
Field of View	90 degrees
Element Size	0.64mm x 0.64mm

Dimensions

Packaging Specifications

Packaging	Bulk
Component Weight	300 g

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