

**USEQFSM1391100** 

## Aliases (USEQFSM1391100)

KEMET, QFSM, Flame Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible



Dimensions	
L	13.8mm NOM
L2	10mm NOM
Н	16mm NOM

Packaging Specifications		
Packaging	Bulk	
Component Weight	5.4 g	

General Information	
Series	QFSM
Туре	Flame Detection
Style	SMD
Description	12C Flame Sensor Module
Features	Small SMD Package, 12C Communication Compatible
RoHS	With Exemptions
REACH	SVHC (PZT – CAS 12626-81-2)
SCIP Number	f8c5f819-a3bd-41c4-887e-bd5dcb8c5edf
Qualifications	REACH
Notes	The module, in order to be evaluated, can be used with the control board USEQCSK0000000 for prototyping purpose.
MSL	3

Specifications	
Temperature Range	-40/+85°C
Power Supply Voltage	1.75 - 3.6 V
Current	1 - 23 uA (Supply Current, Typical)
Miscellaneous	Sensor Type: Single. Includes sensor: USEQFSEA391180.
D*	2.5 x 10^8 cm sqrt(Hz)/ W
NEP	2.7 x 10^-10 W/sqrt(Hz)
Time Constant	10ms (10-20 Hz peak)
Field of View	90 degrees
Element Size	0.64mm x 0.64mm
Filter Aperture	d = 1.65 mm
Filter	3.91 um (rejection channel)

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