



Product Features

OFI775 vuhlv

Description

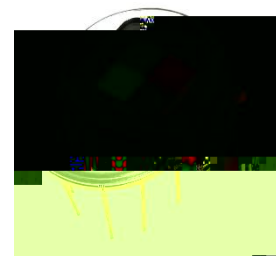
T08

47G á

quad channel T08 housing large FOV
thermal compensation low microphone
single power supply OpAmp
current mode feedback 47 GOhm

Application

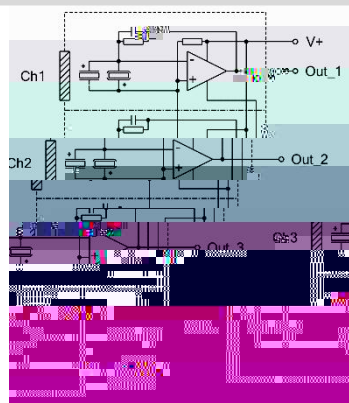
Flame Detection



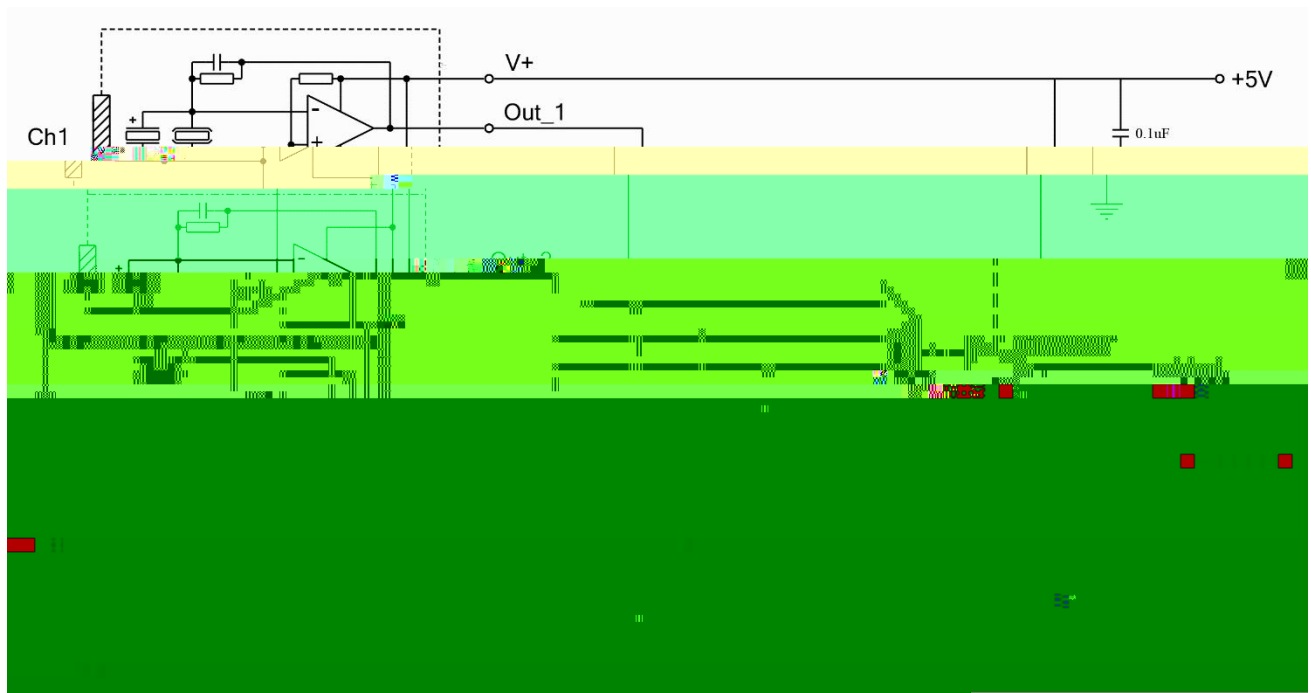
Housing



Pin Assignment



Test Circuit



Parameters

Voltage responsivity(rms)		min	35000V/W
@500 K	10 Hz 25Ñ without filter/window		
Noise density (rms)		max	
@10 Hz	BW 1 Hz 25Ñ		



Supply voltage V+ GND	-	+2.2 +5.5V
Recommended supply voltage V+ GND	nom	+5V
Supply current @output load 1 M á	max	500 A
Offset voltage @25Ñ output load 1 M á	-	1/2 V+ GND
Optimal output load	nom	470 k á
/ Operating/Storage temperature	nom	-25 +85 Ñ

Filter sizes	nom	K 3mm
Aperture window/Sizes	nom	Sapphire 12.7mm
1		CWL 5.3 í m
IR filter Ch1	nom	HPB 180nm
		Si
2		CWL 4.48 í m
IR filter Ch2	nom	HPB 450

