

**Overview**

The high temperature version is built up by strict final test based on stable process capability. An oscillation amplifier is supplied with a voltage regulator output apart from VDD. The voltage supply separation builds low frequency variation with supply voltage VDD. ESD and latch-up test have complied with AEC-Q100 standard.

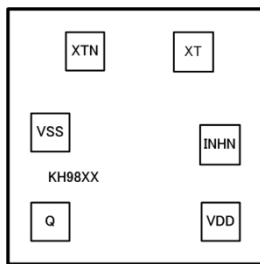
**Features**

Operating Voltage	2.25 to 3.63V
Operating Temperature	-40 to 125°C
Standby Mode    INHN="L"	Q Output "Hi-z" Oscillation Stopped
INHN Input Voltage Level	C-MOS
Q Output Duty Level	C-MOS
Q Output Current	8mA (VDD=2.25V)
Q Output Load (Drive Capacity)	15pF

**Device Selection Table**

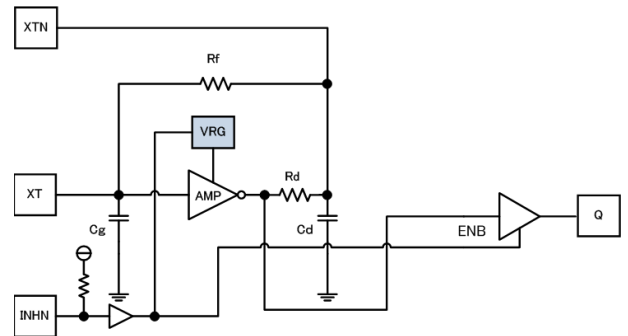
Version	Output frequency (3rd Overtone)
KH9835ALAH	90 to 140MHz
KH9835ALBH	120 to 160MHz

**PAD Locations**



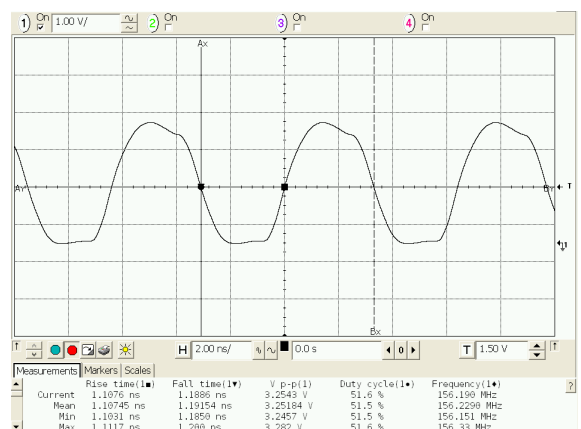
Chip Size	0.74×0.67mm
PAD Size	90×90um
Chip Thickness	130±20um
Chip Base	VSS Level

**Block Diagram**



**Output waveform**

156MHz    CL=15pF    VDD=3.0V



Notes: The document is a brief data sheet of the product.

Please contact with us by email for detailed data sheet, when needed.