



Pin No	Address
1	AGC
2	VS
3 - 6	n.c.
7	VST
8	VSPLL
9	SCL
10	SDA
11	AS
12	IF2 / GND
13	IF1

### ➤ Features

- Members of the KS-H-90 family VHF/Hyperband/UHF tuners
- Systems CCIR: B/G, H, L/L'
- Off-air channels, S-cable channels and Hyperband
- Digitally controlled (PLL) tuning via I<sup>2</sup>C-bus
- Compact size
- Comply to "CENELEC EN55020" and "EN55013"

### ➤ Application

- For TV and VCR

### ➤ Electrical data

Model No	KS-H-96 E	KS-H-96 EA
Receiving system	CCIR B/G	
Channel selection system	PLL (I <sup>2</sup> C-bus)	
RF input type	IEC-14 Female	
Input frequency p.c., MHz	VHF-L	48,25-168,25
	VHF-H	175,25-447,25
	UHF	455,25-855,25
Input impedance, Ω	75	
Input VSWR, max	4	
IF output type	Symmetrical	Asymmetrical
Intermediate frequency, MHz	Picture	38,9
	Sound	33,4
Power supply, V/mA	12/85	
Tuning voltage supply, V	33	
AGC range (4-0,3V), dB, min	VHF-L, VHF-H	45
	UHF	35
Voltage gain, dB, min	38	
Noise figure, dB, max	VHF-L, VHF-H	9
	UHF	11
	UHF	53
Image rejection, dB, min	VHF-L	70
	VHF-H	60
	UHF	53
IF rejection, dB, min	60	