



Pin No	Address
1	AGC
2	VS
3 - 5	n.c.
6	ADC
7	VST
8	VSPLL
9	SCL
10	SDA
11	AS
12	IF2
13	IF1

### ➤ Features

- Members of the KS-H-90 family VHF/Hyperband/UHF tuners
- Systems CCIR: B/G, H, L/L', OIRT: D/K
- Off-air channels, S-cable channels and Hyperband
- Digitally controlled (PLL) tuning via I2C-bus
- Compact size
- Comply to "CENELEC EN55020" and "EN55013"

### ➤ Application

- For TV and VCR

### ➤ Electrical data

Model No		KS-H-94 ES1	KS-H-94 OS1
Receiving system		CCIR B/G	OIRT D/K
Channel selection system		PLL (I <sup>2</sup> C bus)	
RF input type		IEC-14 Female	
Input frequency p.c., MHz	VHF-L	48,25-140,25	
	VHF-H	143,25-463,25	
	UHF	471,25-855,25	
Input impedance, Ω		75	
Input VSWR, max		4	
IF output type		Symmetrical	
Intermediate frequency, MHz	Picture	38,9	38,0
	Sound	33,4	31,5
Power supply, V/mA		12/85	
Tuning voltage supply, V		33	
AGC range (4-0,3V), dB, min	VHF-L, VHF-H	45	
	UHF	40	
Voltage gain, dB, min		40	
Noise figure, dB, max	VHF-L, VHF-H	9	
	UHF	10	
Image rejection, dB, min	VHF-L	70	
	VHF-H	65	
	UHF	53	
IF rejection, dB, min		60	