



Pin No	Address
1	AGC
2	V _T
3	AS
4	SCL
5	SDA
6	n.c.
7	V _S
8	ADC
9	V _{ST}
10	GND
11	IF output

➤ Features

- Member of the KS-H-130/140 family small sized VHF/Hyperband/UHF tuner
- Systems CCIR: B/G, H;
- Digitally controlled (PLL) tuning via I2C-bus
- Fast 400kHz I2C-bus protocol compatible with 3.3V and 5V micro controllers
- Off-air channels, S-cable channels and Hyperband
- World standardized mechanical dimensions and world standard pinning
- Transformer (balun) on antenna input provides an additional output.
- Comply to "CENELEC EN55020" and "EN55013"

➤ Application

- For TV and VCR

➤ Electrical data

Model No		KS-H-146 EAS
Receiving system		CCIR B/G
Channel selection system		PLL (I ² C bus)
RF input type		IEC-14,5mm (female)
Input frequency p.c., MHz	VHF-L	48,25-147,25
	VHF-H	147,25-423,25
	UHF	431,25-855,25
Input impedance, Ω		75
Input VSWR, max	VHF-L, VHF-H	6
	UHF	5
IF output type		Asymmetrical
Intermediate frequency, MHz	Picture	38,9
	Sound	33,4
Power supply, V/mA		5/110
Tuning voltage supply, V		33
AGC range (4-0,3V), dB, min	VHF-L, VHF-H	45
	UHF	40
Voltage gain, dB, min		38
Noise figure, dB, max	VHF-L, VHF-H	11
	UHF	11
Image rejection, dB, min	VHF-L	66
	VHF-H	56
	UHF	46
IF rejection, dB, min		65

