



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	IF output / GND
11	IF output



Features

- Member of the KS-H-130/140 family small sized VHF/Hyperband/UHF tuner
- Systems CCIR: B/G, H; OIRT: D/K
- Digitally controlled (PLL) tuning via I²C-bus
- 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.
- Weak signal booster (I²C controlled switch able gain amplifier)
- Comply to "CENELEC EN55020" and "EN55013"



Application

- For TV and VCR



Electrical data

Model No	KS-H-148 ES	KS-H-148 EAS	KS-H-148OS, KS-H-148OSP	KS-H-148 OAS
Receiving system	CCIR B/G		OIRT D/K	
Channel selection system	PLL (I ² C bus)			
RF input type	IEC-14,5mm (female)			
Input frequency p.c., MHz	VHF-L	48,25-154,25	49,75-151,25	
	VHF-H	161,25-439,25	159,25-439,25	
	UHF	447,25-855,25	447,25-855,25	
Input impedance, Ω	75			
Input VSWR, max	4 (6-low and mid bands)			
IF output type	Symmetrical	Asymmetrical	Symmetrical	Asymmetrical
Intermediate frequency, MHz	Picture	38,9	38,0	
	Sound	33,4	31,5	
Power supply, V/mA	5/110			
Tuning voltage supply, V	33			

Model No		KS-H-148 ES	KS-H-148 EAS	KS-H-148OS, KS-H-148OSP	KS-H-148 OAS
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			50	
IF rejection, dB, min				65	