



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	IF2/GND
11	IF1

➤ 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
- Compact size
- Comply to "CENELEC EN55020" and "EN55013"

➤ Application

- For TV and VCR

➤ Electrical data

Model No	KS-H-144 E	KS-H-144 EA	KS-H-144 O	KS-H-144 OA
Receiving system	CCIR B/G		OIRT D/K	
Channel selection system	PLL (I ² C bus)			
RF input type	IEC-14 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			
IF output type	Symmetrical	Asymmetrical	Symmetrical	Asymmetrical
Intermediate frequency, MHz	Picture	38,9		38,0
	Sound	33,4		31,5
Power supply, V/mA	5/130			
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	8		
Image rejection, dB, min	VHF-L	66		
	VHF-H	60		
	UHF	50		
IF rejection, dB, min	65			