



Pin No	Address
1	AGC
2	n.c.
3	AS
4	SCL
5	SDA
6	n.c.
7	V _S
8	n.c.
9	V _{ST}
10	GND
11	IF1

➤ Features

- Member of the KS-H-140 family small sized VHF/Hyperband/UHF tuner
- Systems CCIR: B/G, H
- 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-142 EA	KS-H-142 EAL
Receiving system		CCIR B/G	
Channel selection system		PLL (I ² C bus)	
RF input type		IEC-14 Female	IEC-19 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		5	
IF output type		Asymmetrical	
Intermediate frequency, MHz	Picture	38,9	
	Sound	33,4	
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	8	
	UHF	9	
Image rejection, dB, min	VHF-L	64	
	VHF-H	56	
	UHF	46	
IF rejection, dB, min		65	