

## HOME AUDIO

### KST-MN000 SERIES

#### APPLICATION :

Single pack FM/AM(MW/LW) tuner module and super compact size which ideal for mini HiFi component and HiFi Receive Amp. System

#### FEATURES :

- With SD and IF Counter for digital tuning System Application.
- Applicable for the function of FM, F/E, IF, MPX, AM DET. and PLL (LC72131), DRS decoder
- Upper Side Band Super Heterodyne and Down Side Band Super Heterodyne System
- Can be made uniform in shape and pin compatible with any other company's units
- Compatible with New Fcc and CE rule content



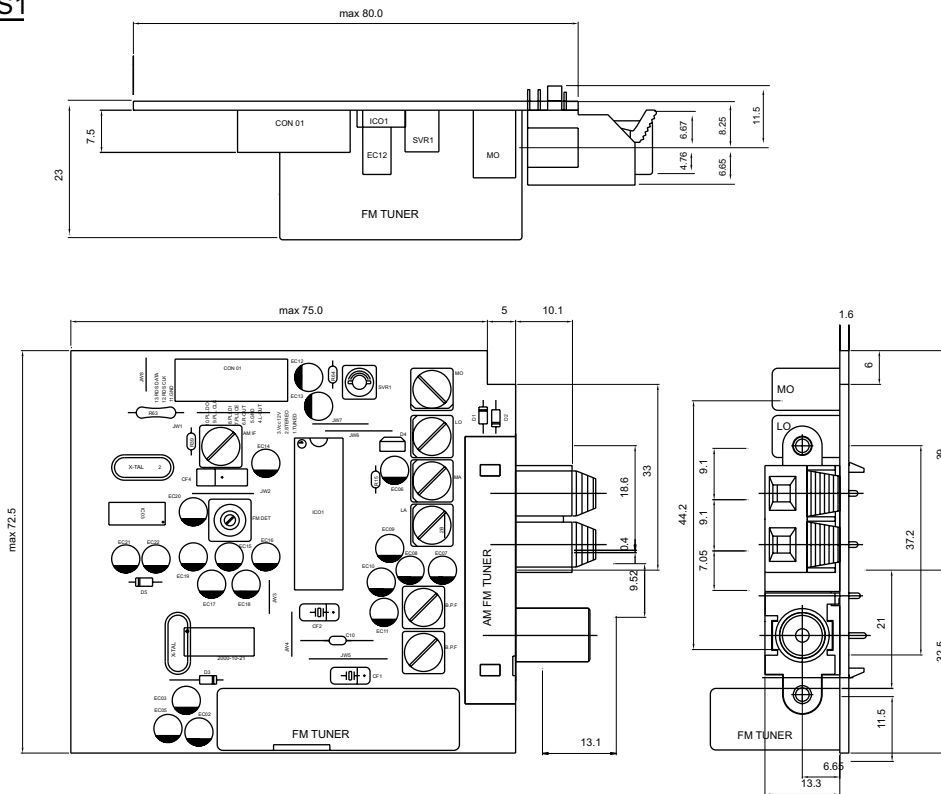
KST-MN114LS1

### KST-MN114LS1

COUNTRY	EUROPE	AREA USING	HOME AUDIO
TUNER(GANG)	4G	BAND (波段)	3 BAND
NO.	ITEMS	SPECIFICATION	
		A M	F M
1	LOCAL OSC (高頻接收器局部振盪)	ABOVE THE RECEIVING FREQUENCY	
2	FREQUENCY COVER RANGE (頻率覆蓋範圍)	MW : 522 - 1611KHz LW : 144 - 288KHz	87.5 - 108.0 MHz
3	INTERMEDIATE FREQUENCY (中心頻率)	450 KHz	10.7 MHz
4	STANDARD SUPPLY VOLTAGE (標準工作電壓)	12 +/- 0.5V	
5	CURRENT DRAIN (工作電流)	80 +/- 20mA	
6	FM ANTENNA INPUT IMPEDANCE (FM天線輸入阻抗)	75 ohm UNBALANCED	
7	AM LOOP ANTENNA (環形天線)	18uH (50ohm)	
8	F M	S/N RATIO (信噪比額定)	60dB MIN
9		IMAGE REJECTION (鏡像抑制比)	70dB MIN
10		USABLE SENS (使用感度)	12dBu MAX
11		AUTO STOP SENS (自動鎖台靈敏度)	15 - 29dBu
12	STEREO SEPARATION(1KHz) (立體聲分離度)	25dB MIN	
13	AF OUTPUT LEVEL (音頻額定輸出電壓)	400 - 600mV	
14	M W	S/N RATIO (信噪比額定)	35dB MIN
15		IMAGE REJECTION (鏡像抑制比)	30dB MIN
16		USABLE SENS (使用感度)	60dBu MAX
17		AUTO STOP SENS (自動鎖台靈敏度)	40 - 70dBu
18	AF OUTPUT LEVEL (音頻額定輸出電壓)	350 - 650mV (MOD.80X)	
19	L W	S/N RATIO (信噪比額定)	30dB MIN
20		IMAGE REJECTION (鏡像抑制比)	28dB MIN
21		USABLE SENS (使用感度)	68dBu MAX
22		AUTO STOP SENS (自動鎖台靈敏度)	45 - 75dBu

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## KST-MN114LS1



EXTNAL TERMINAL	
1	TUNED
2	STERED
3	VCC 12V
4	L OUT
5	GND
6	R OUT
7	PLL CE
8	PLL DI
9	PLL CLK
10	PLL DO
11	D-GND
12	RDS CLK
13	RDS DATA

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No.	KSE Name	L x W x D	Receiving Frequency		Supply Voltage	Gang	RDS	Filter	International Approval					Connector Type			De-Emphasis	
									Fcc	OIRT	CE	Japan	Others	W	S	A	75US	50US
	● MN000M																	
1	KST-MN000MS0-50	61.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:520-1720KHz	12.0+/-0.5V	2G		✓							✓		✓	
	● MN001M																	
2	KST-MN001MS0-50	61.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:520-1720KHz	12.0+/-0.5V	3G		✓							✓		✓	
	● MN004M																	
3	KST-MN004MS1-50	61.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:522-1611KHz	12.0+/-0.5V	4G				✓					✓			✓
	● MN011M																	
4	KST-MN011MS0-50	61.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:520-1720KHz	12.0+/-0.5V	3G	✓	✓							✓		✓	
	● MN014M																	
5	KST-MN014MS1-50	61.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:522-1611KHz	12.0+/-0.5V	4G	✓			✓					✓			✓
	● MN015M																	
6	KST-MN015MS1-50	61.0 x 72.5 x 23.5mm	76.0-90.0MHz	MW:522-1629KHz	12.0+/-1.5V	3G	✓				✓				✓			✓
	● MN016M																	
7	KST-MN016MS1-50	61.0 x 72.5 x 23.5mm	76.0-108.0MHz	MW:522-1629KHz	12.0+/-1.5V	3G	✓				✓				✓			✓
	● MN012L																	
8	KST-MN012LS1-50	61.0 x 72.5 x 23.5mm	64.0-108.0MHz	MW:522-1611KHz LW:144-288KHz	12.0+/-0.5V	3G	✓		✓						✓			✓
	● MN112L																	
9	KST-MN112LS1-50	75.0 x 72.5 x 23.5mm	64.0-108.0MHz	MW:522-1611KHz LW:144-288KHz	12.0+/-0.5V	3G	✓	✓		✓					✓			✓
	● MN114L																	
10	KST-MN114LS1-50	75.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:522-1611KHz LW:144-288KHz	12.0+/-0.5V	4G	✓	✓			✓				✓			✓
	● MN011S																	
11	KST-MN011SS1-50	75.0 x 72.5 x 23.5mm	87.5-108.0MHz	MW:522-1611KHz SW1:2.3-7.3MHz SW2:9.5-26.1MHz	12.0+/-0.5V	3G	✓	✓							✓			✓