

PRODUCT SPECIFICATION

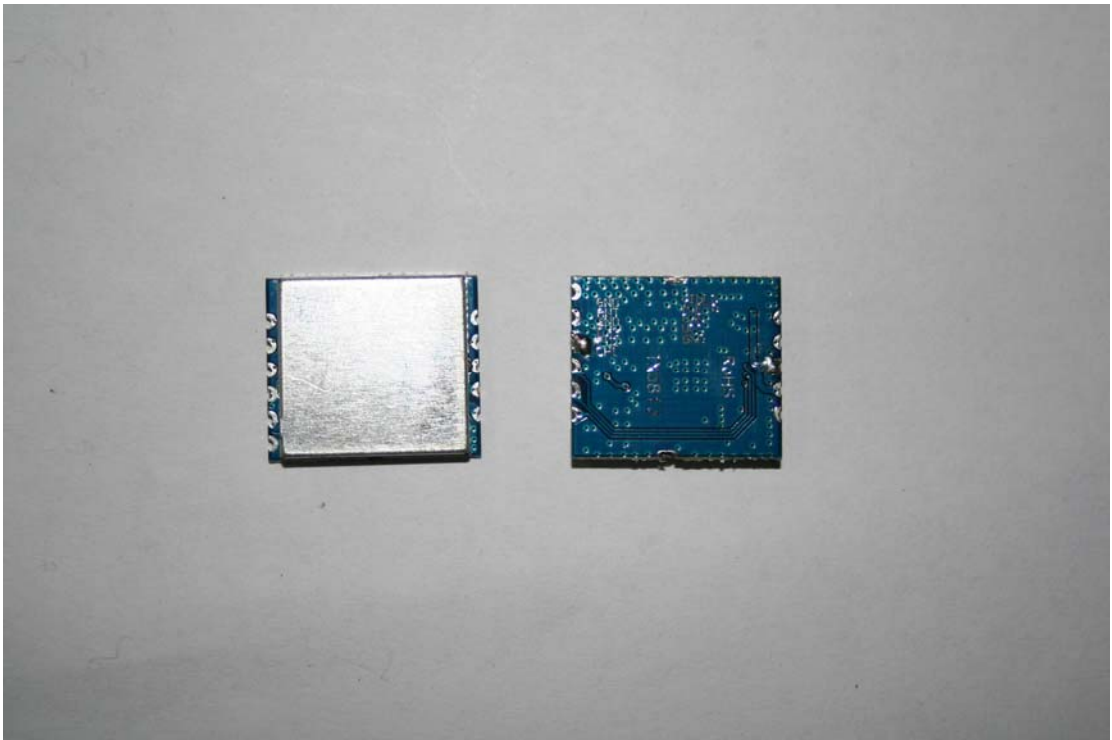
MODE: TX5813

5.8G AV Transmitter Module

	Modulate	Wideband FM Modulate			
	Video Format	NTSC/PAL			
	Characteristics	Value			
		Min.	Typ.	Max.	Units
1	Output Impedance	----	50	----	Ohm
2	Output Power	9	10	11	dBm
3	Frequency range	5705	----	5945	MHz
4	Operating Voltage	3.5	5.0	5.5	V
5	Supply current	----	170	180	mA
6	Operating Temperature	-10	----	+85	°C
7	Video Band Width	0	---	8.0	MHz
8	Audio carrier Frequency	----	6.5	----	MHz
9	Video input Level	0.9	1.0	1.1	Vp-p
10	Video input Impedance	----	75	----	Ohm
11	Audio input lever	0.5	---	2.0	Vp-p
12	Audio input Impedance	----	10K	----	Ohm
13	Weight	----	10	----	g
14	Dimensions(L x W x H)	22 x 19 x 3 mm			

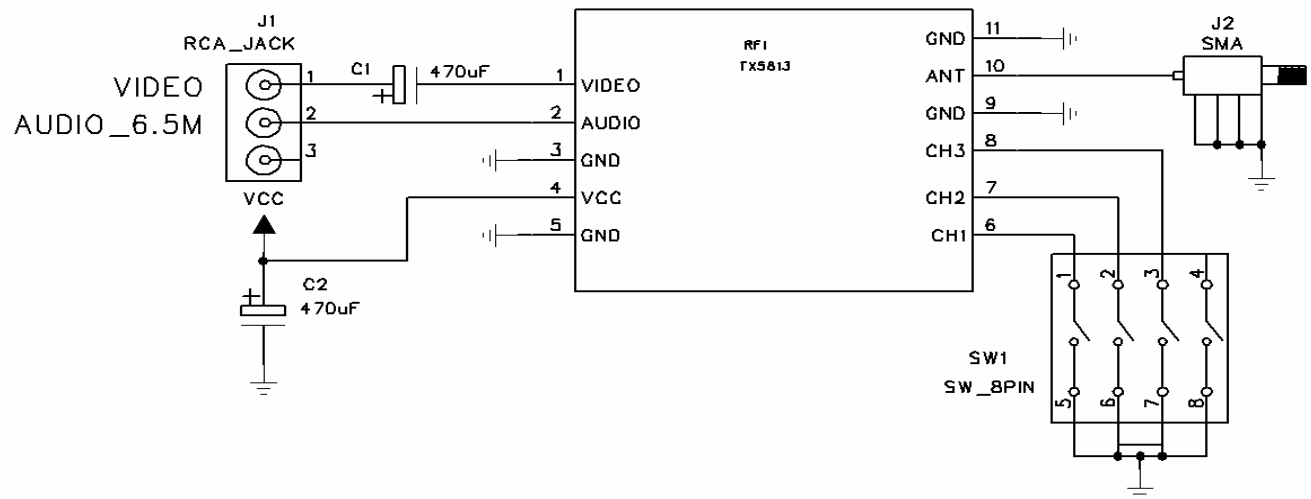
Date: 2010/09/02 V1.3

Picture:

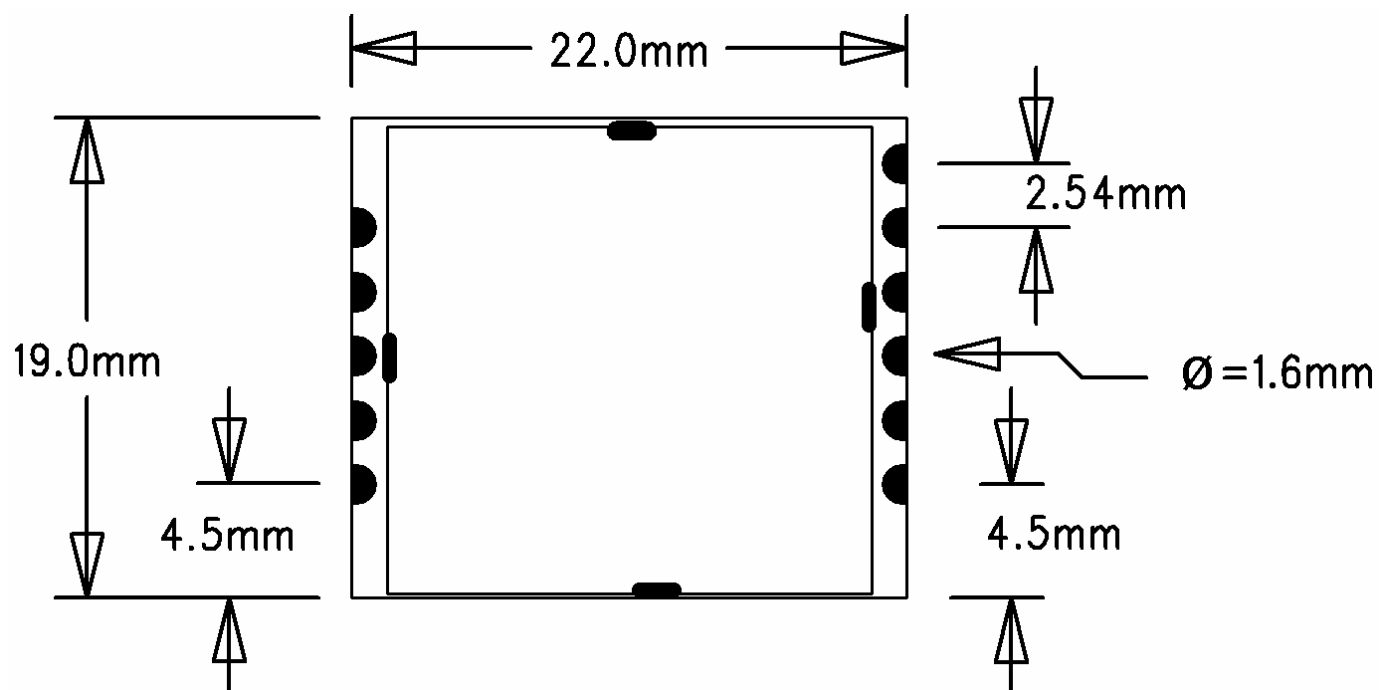


Pin descriptions

		PIN	NAME	I/O	FUNCTION	
		1	GND	I	Antenna ground	
		2	ANT	I	Antenna input: 50 Ohm	
		3	GND	I	Antenna ground	
		4	CH1	I	Channel 3 select	
		5	CH2	I	Channel 3 select	
		6	CH3	I	Channel 3 select	
		7	GND	I	Power ground	
		8	+5V	I	5V power DC in	
		9	RSSI	O	RSSI output voltage	
		10	A6.5M	O	Audio input	
		11	VIDEO	O	Video input	
		12	GND	I	Power ground	



Channel number		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
TX frequency(MHz)		5705	5685	5665	5645	5885	5905	5925	5945
Pin level	CH1	0	1	0	1	0	1	0	1
	CH2	0	0	1	1	0	0	1	1
	CH3	0	0	0	0	1	1	1	1

Dimension:**Side View:**