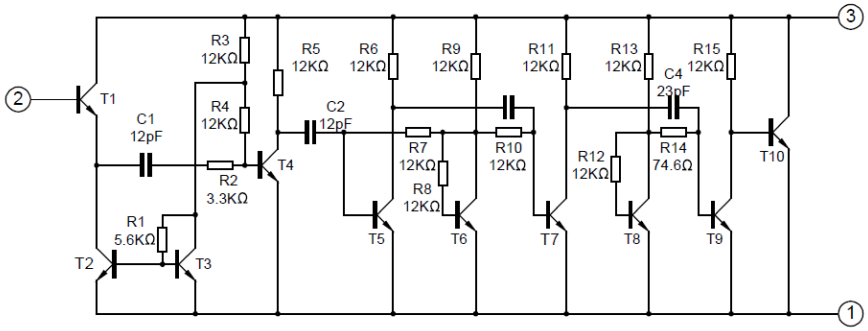
Data Sheet

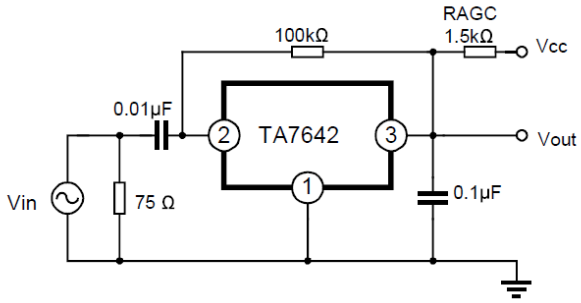
ONE CHIP RADIO, 1000 pcs/polybag

Drawing:

EQUIVALENT CIRCUIT

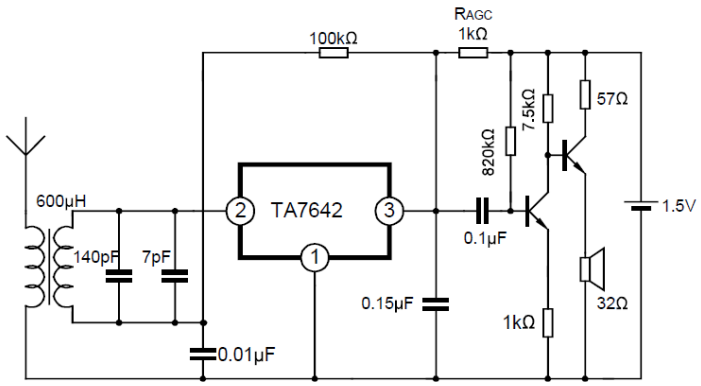


TEST CIRCUIT



Data Sheet

APPLICATION CIRCUIT



Technical data

Low operating voltage: Down to VCC=1.3 V

Low quiescent current: ICCO=0.2 mA

Low external component required.

Absolute maximum ratings (Tested at Ta=25 °C, unless otherwise specified)

Parameters	Symbols	Min.	Max.	Unit
Supply Voltage	VCC	/	6	V
Operating Temperature	TOPR	-10	60	°C
Storage temperature	TSTG	-55	150	°C

Electrical characteristics (Tested at Ta=25 °C, VCC=1.3 V, fm=1 kHz, fO=1 MHz, MOD=30 %, unless otherwise specified)

Parameters	Symbols	Test conditions	Min.	Typ.	Max.	Unit
Supply Voltage	VCC	/	1.2	1.3	1.6	V
Quiescent Current	ICCQ	VI=0	0.14	0.20	0.30	mA
Input Resistance	RI	/	/	3	/	mΩ
Maximum sensitivity	SM	VOD=3 mV	/	600	/	μV
Detector Output Voltage	VOD	VI=10 mV	5	15	30	mV
The Range of AGC	ΔA	/	/	30	/	dB