

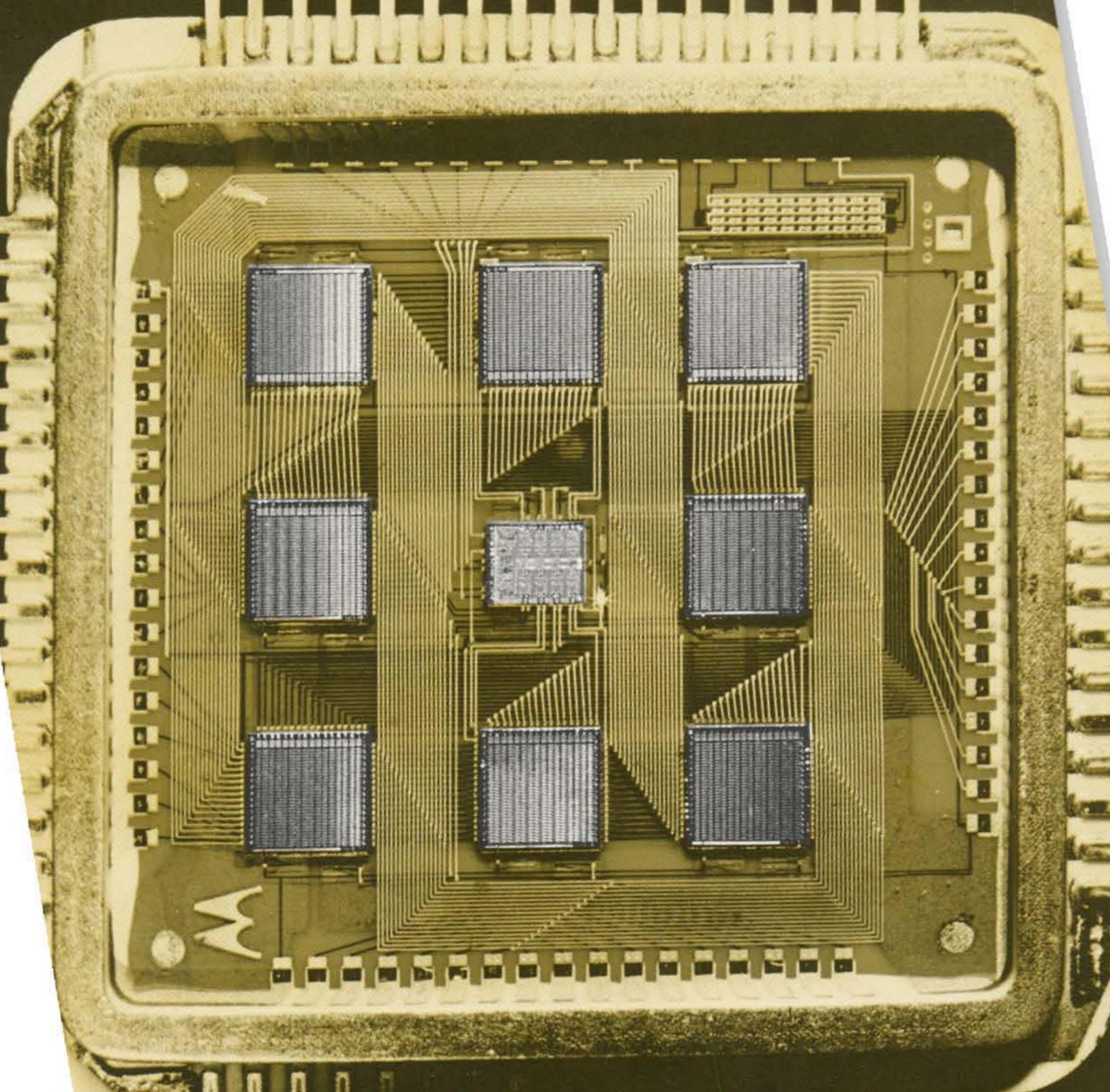
amateur
73radio

IC Projects A Bunch!

Function Generator – Transmitters –
Receivers – Regulated Power Supply –
Band Edge Marker – Phase Locked
Loops – How to Use IC's – etc.

GENERAL CLASS STUDY GUIDE

A
CE
#120
One Dollar
October
1970



RG 196 AU 50 ohm teflon coaxial cable. Outside diameter .080" RF loss .29 db per foot at 400 Mhz. Silver plated shielding and conductor. Used for internal chassis wiring, antenna coupling, RF coupling between stages, etc. Random lengths from 35 foot to 150 foot. Colors: black, red, brown, blue, grey, orange. Regular price- 23¢ per foot. Our price 5¢ per foot \$3.00 per 100 ft.

455 Khz ceramic filters type BF-455-A. These filters will help to sharpen the selectivity of most sets using 455 Khz IF's. Use across cathode bias resistor in place of a capacitor, or in transistorized sets, across the emitter bias resistor. Impedance is 20 ohms at 455Khz., DC resistance is infinite. Impedance increases rapidly as you leave 455 Khz. Plan your own LC filter circuits at very low cost.
10 for \$1.00 25 for \$2.00

TOROID POWER TRANSFORMERS

T-2 This toroid was designed for use in a hybrid F.M. mobile unit, using a single 8647 tube in the RF amp. for 30 watts output. Schematic included. 12 VDC pri. using 2N1554's or equivalent. Sec. #1 500 volts DC out at 70 watts. Sec. #2 -65 volts DC bias. Sec. #3 1.2 volts AC for filament of 8647 tube. Sec. #4 C/T feed back winding for 2N1554's. 1 1/2" thick. 2 3/4" dia. \$2.95 ea. -2 for \$5.00

T-3 Has a powdered iron core and is built like a TV fly back transformer. Operates at about 800 CPS. 12V DC Pri. using 2N442's or equivalent. DC output of V/DBLR 475 volts 90 watts. C/T feed back winding for 2N442's \$2.95 ea. -2 for \$5.00

TRANSFORMERS

P-7 117 VAC Pri. Sec. #1 185 VAC @ 120 ma. Sec. #2 6.3 VAC @ 4A. Double Half Shell Mail Box Type. SX 146 type. \$2.75 ea. -2 for \$5.00

P-9 117 VAC Pri. Sec. # 900 VAC @ 300 ma. Sec. # 2 100 VAC @ 10 ma. Bias. Sec. #3 12.6 VAC @ AMP. Wt. 16 1/2 lbs. Double Half Shell \$4.50

P-10 117 VAC Pri. Sec. #1 960 VAC C.T. @ 160 ma. Sec. #2 425 VAC C.T. and tap at 100 VAC 10 ma Bias. Sec. #3 12.6 VAC @ 4.5A Double Shell Mail Box type. Wt. 8 1/2 lbs. \$3.75

Output transformers, all types 59 cents or 3 for \$1.50

OT-1 Transistor TO-3 Power Diamond.. Imp. 15 ohms to 3.2 ohms DC Res. Pri. .6ohm. Sec. .3 ohm.

OT-2 Pri. imp. 7000 ohm. Sec. 3-2 and 500 ohm for Phones or 70 volt line 3 watts. Full shielded Double Half Shell.

OT-3 Pri. imp. 5500 ohms. Sec. 3.2 ohms. SC122 type.

All prices F.O.B. All weights listed are net. Please allow for packaging. Please allow enough for postage. We will return any extra.

TOWER COMMUNICATIONS

1220-22 Villa St., Racine, WI 53403

JEFF-TRONICS

SURPLUS BARGAINS

16 volts @ 15 amp. transformer. Open frame. 3 1/2" x 3" x 4 1/4". 8 lbs. \$ 4.00

Power transformer. 275V no ct. @ 125 mA, 12V @ 2 amps. Upright mount with end bells. 3 1/2" x 2 3/4" x 4". 8 lbs. ..\$2.00 4/7.50

18,000 µF 25V dc Sprague "Powerlytic." 2"D x 4 1/4"H 1.00

JOHNSON MINIATURE VARIABLES

160-102	1.5-5 pF	50¢
160-127	2.5-17 pF	60¢
160-130	3-32 pF	80¢
160-203	1.5-3.1 pF butterfly	80¢
160-211	2.7-10.8 pF butterfly	80¢
160-308	2.3-14.2 pF differential	80¢

HUMIDISTATS Honeywell

#46B1002-1 humidity controller. Contains microswitch, closes on decreasing humidity. 1-7/8" x 1-1/8" x 3 1/2" deep. 1/4" diam. shaft for setting switching point extends from end. 45¢ ea., 5 for \$2, 100 for \$30.

BC 348 receiver 200-500 kc, 1.5-18 mc, converted 115V to 60 cycle excellent used 75.00

BC 221 frequency meter, 125 kc, 20 mc, 115V 60 cycle power w/crystal & calibration book & instruction book. Excellent used 75.00

Please include sufficient shipping charges with your order. Any excess is refunded.

Send 25¢ for latest catalog of surplus electronics, new & used ham gear. Catalog free with order.

JEFF-TRONICS

4252 Pearl Rd. Cleveland, Ohio 44109
749-4237

also a "namesake" contact with a YO station.

Some of these awards are easy to obtain, others are more difficult. It is a worthwhile effort trying to get any of them. Larry, K2UMM, found that he satisfied the requirements for 9 different YO awards. He made up the logs and sent for them right away.

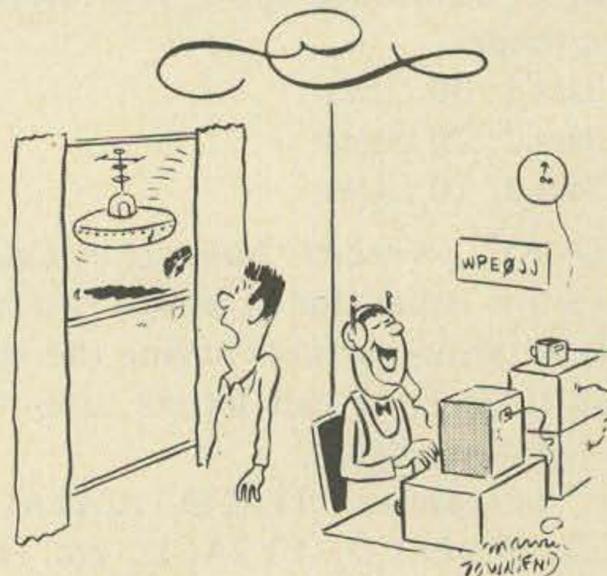
Romanian hams QSL almost 100% and it takes approximately 3-4 months to get these beautiful awards.

In YO land, the hams cannot subscribe to the western radio publications and they are always appreciative when they receive some old copies of 73, QST, CQ or Callbooks.

Romania is a very interesting country. Its natural beauties and the friendliness of its inhabitants attracts more and more tourists. The YO amateurs stretch the rules of hospitality when a foreign amateur visits their country. In a short period of time the following visiting amateurs got the red-carpet treatment: Franco, I1FO, from Milan, Italy; Zbyszko, SP5ZK, from Warsaw, Poland; Janos, Ha5AM, from Budapest, Hungary; Ludwig, DM2CHM, from Leipzig, Germany; Jim, W8FXP, from Jamestown, Ohio; George, K8NEY, from Albion, Michigan; and Lee, W6MNN, from Gridley, California.

Working an amateur in another country is a little like being there. By talking to a ham you can learn about his life, his country, his goals. Why don't you try to learn a little about a far away but interesting land, YO country?

...YO2KAC



"Get this, some lid's giving the call UFOI"