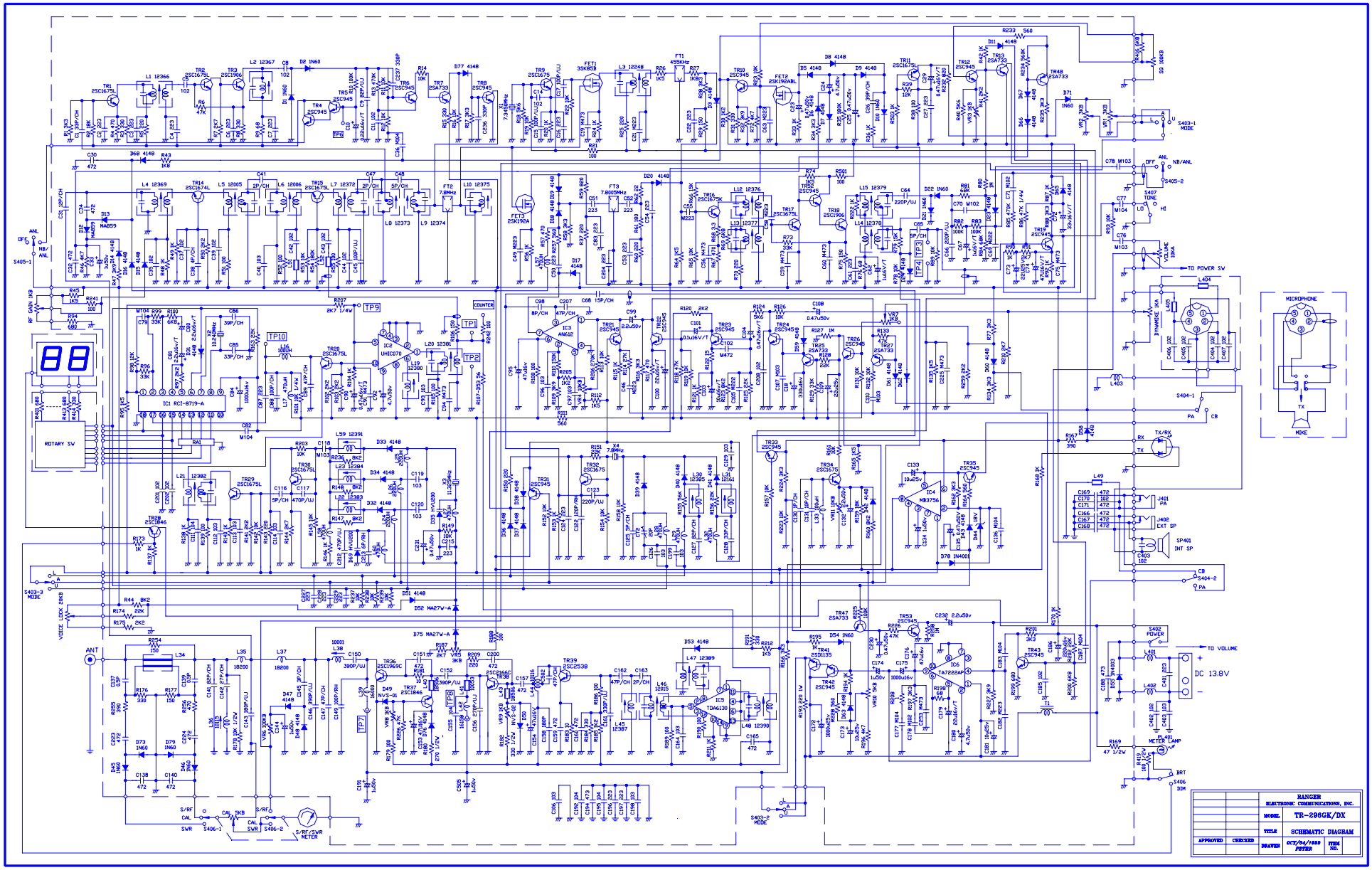
RANGER
ELECTRONIC COMMUNICATIONS, INC.
MODEL
TR-296GK/DX
TITLE
SCHEMATIC DIAGRAM
APPROVED
CHECKED
DRAWER
OCT/04/1989
PETER
ITEM NO.
ANT
ROTARY SW
MICROPHONE
TO POWER SW
TO VOLUME
DC 13.8V
VOICE LOCK 20KB
RF GAIN 1KB
S/RF/SWR METER
IC1 RC1-8719-A
IC2 UHIC070
IC3 AN612
IC4 KB3756
IC5 TDA6130
IC6 TA7222AP
FET1 3SK85B
FET2 2SK192ABL
FET3 2SK192A
FET4 2SK192A
FET5 2SK192A
FET6 2SK192ABL
FT1 455KHz
FT2 7.8MHz
FT3 7.8025MHz
X1 7.345MHz
X2 10.240MHz
X4 7.8MHz
COUNTER
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TX/RX
RX
TX
PA
CB
J401 PA
J402 EXT SP
SP401 INT SP
S402 POWER
S403-1 MODE
S403-2 MODE
S403-3 MODE
S404-1
S404-2
S405-1
S405-2
S406-1
S406-2
S407 TONE
VOLUME 10KA
DYNAMIC 1KA
METER LAMP
BRT
S/RF CAL SWR
CAL 5KB