



SPECTRUM RESEARCH & TESTING LABORATORY, INC.

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Date: October 7, 1999

Federal Communications Commission
Mr. Errol Chang
Applications Processing Branch
7435 Oakland Mills Road
Columbia, MD 21046

Subject: FCC ID#AAO4300732

Dear Mr. Chang:

FCC ID: AAO4300732
Applicant: RadioShack A division of Tandy Corporation
Reference # 9664
Confirmation# EA95034

9664

There are difference between old RF Module and new RF Module.

New RF Module:

1. No DR Filter
2. It has second source for saw filter.

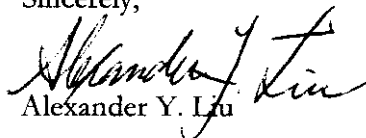
Handset: Duplexer saw filter
Manufacturer: KEC
Model# 2703T

Base : Duplexer saw filter
Manufacturer: KEC
Model# 0327T

Please find attachment of flow chart and schematic diagram for old and new RF Module.

If you have any questions, please contact me at (301) 670-2818.

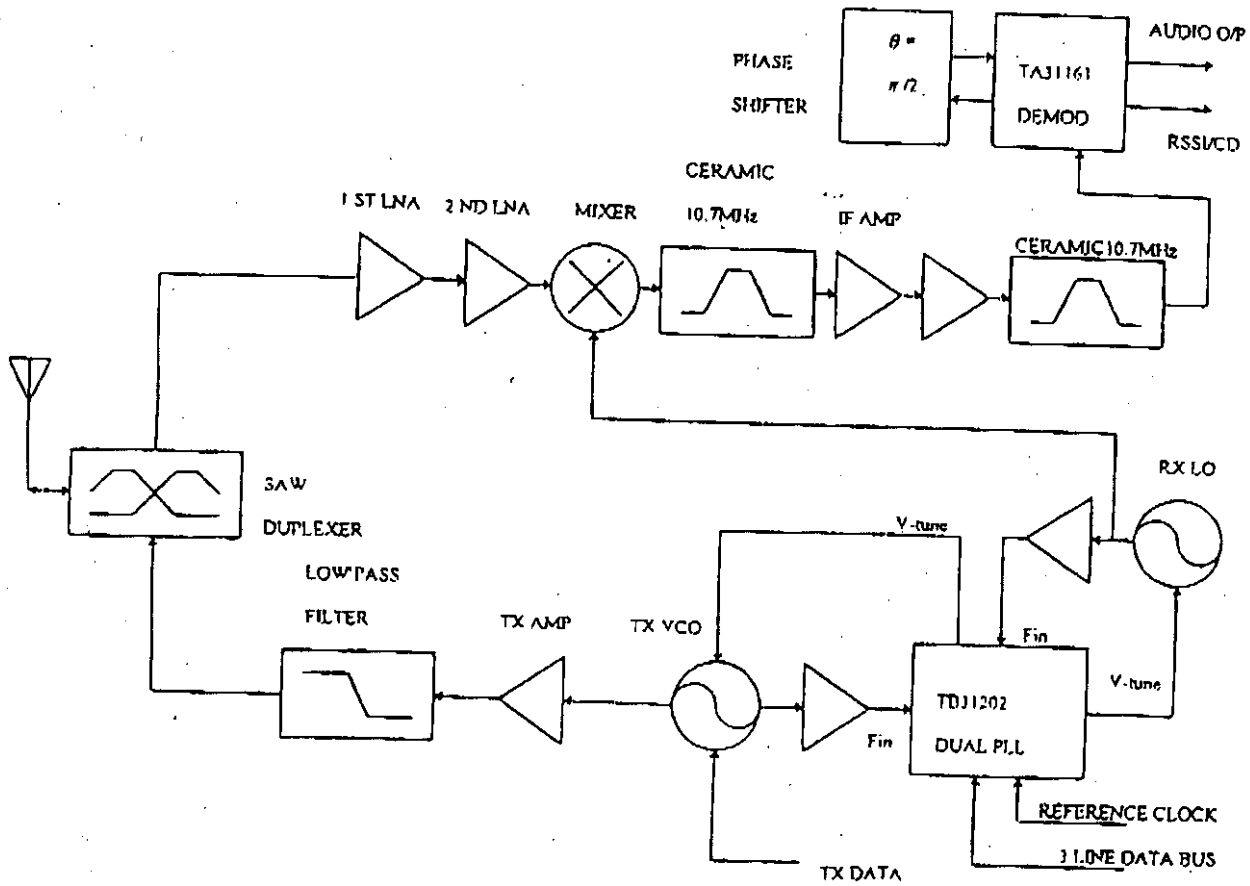
Sincerely,


Alexander Y. Liu

HANDSET BASE RF

(NEW RF MODULE)

43732



SAW FILTER 除原使用三家 VENDOR 外:

Addition:

4/5: DUPLEXER SAW FILTER 2027 => KEC

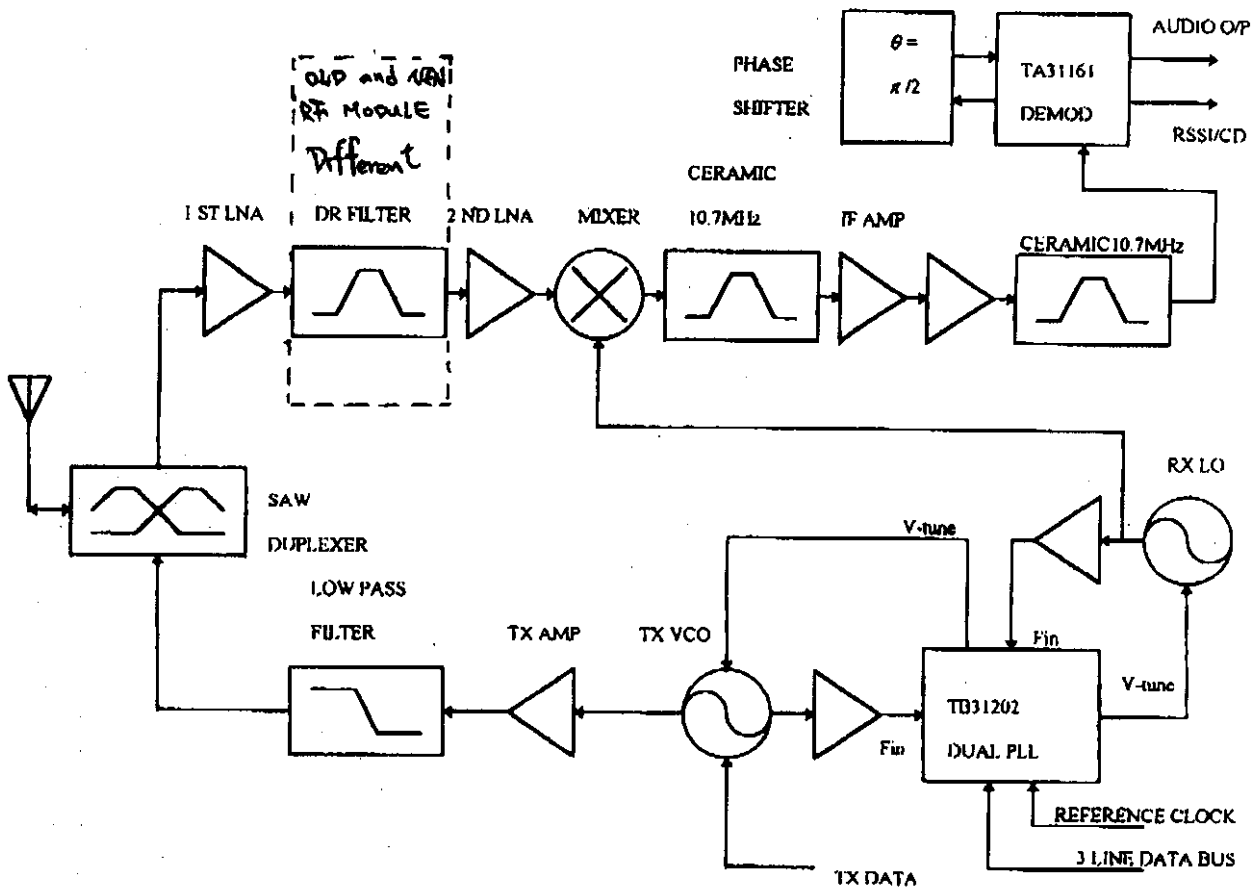
B/5: DUPLEXER SAW FILTER 2027 => KEC

New Application

HANDSET BASE RF

(OLD RF MODULE)

43-732



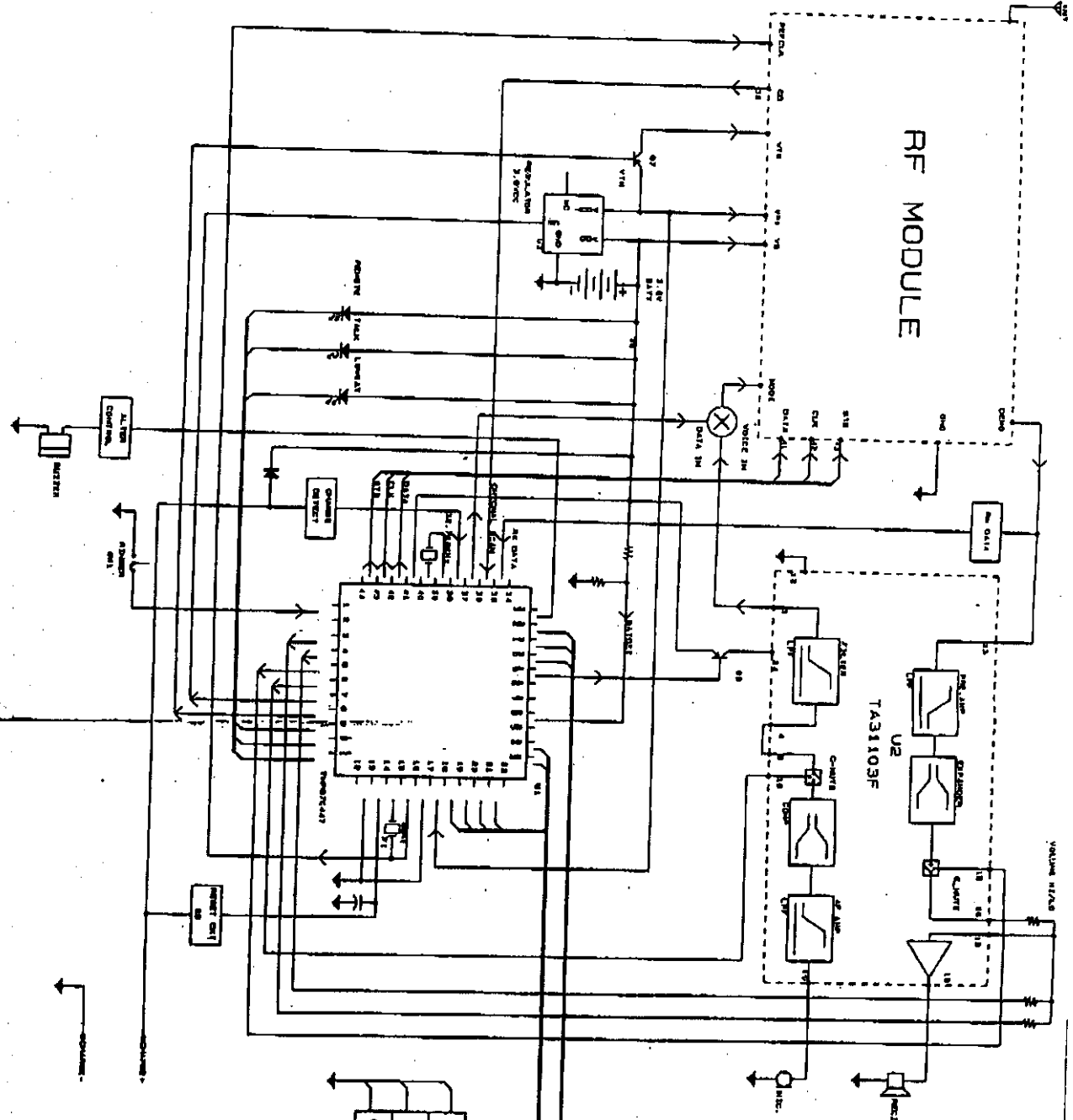
SAW FILTER: 使用三象廠商

- Y/S:
1. DUPLEXER SAW FILTER B4009 ⇒ SIEMENS
 2. DUPLEXER SAW FILTER B4029 ⇒ SIEMENS
 3. DUPLEXER SAW FILTER X0324C ⇒ SAM SANG

- B/S:
1. DUPLEXER SAW FILTER B4008 ⇒ SIEMENS
 2. DUPLEXER SAW FILTER B4078 ⇒ SIEMENS
 3. DUPLEXER SAW FILTER X032BC ⇒ SAM SANG

Original/Old application

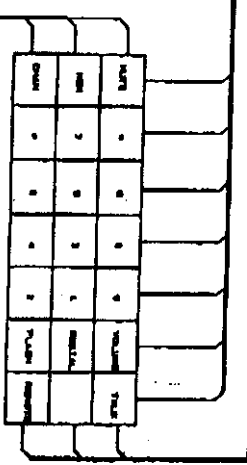
RF MODULE



MPU PIN ASSIGNMENT

1	DATA	24	DATA
2	DATA	25	DATA
3	DATA	26	DATA
4	DATA	27	DATA
5	DATA	28	DATA
6	DATA	29	DATA
7	DATA	30	DATA
8	DATA	31	DATA
9	DATA	32	DATA
10	DATA	33	DATA
11	DATA	34	DATA
12	DATA	35	DATA
13	DATA	36	DATA
14	DATA	37	DATA
15	DATA	38	DATA
16	DATA	39	DATA
17	DATA	40	DATA
18	DATA	41	DATA
19	DATA	42	DATA
20	DATA	43	DATA
21	DATA	44	DATA
22	DATA	45	DATA
23	DATA	46	DATA

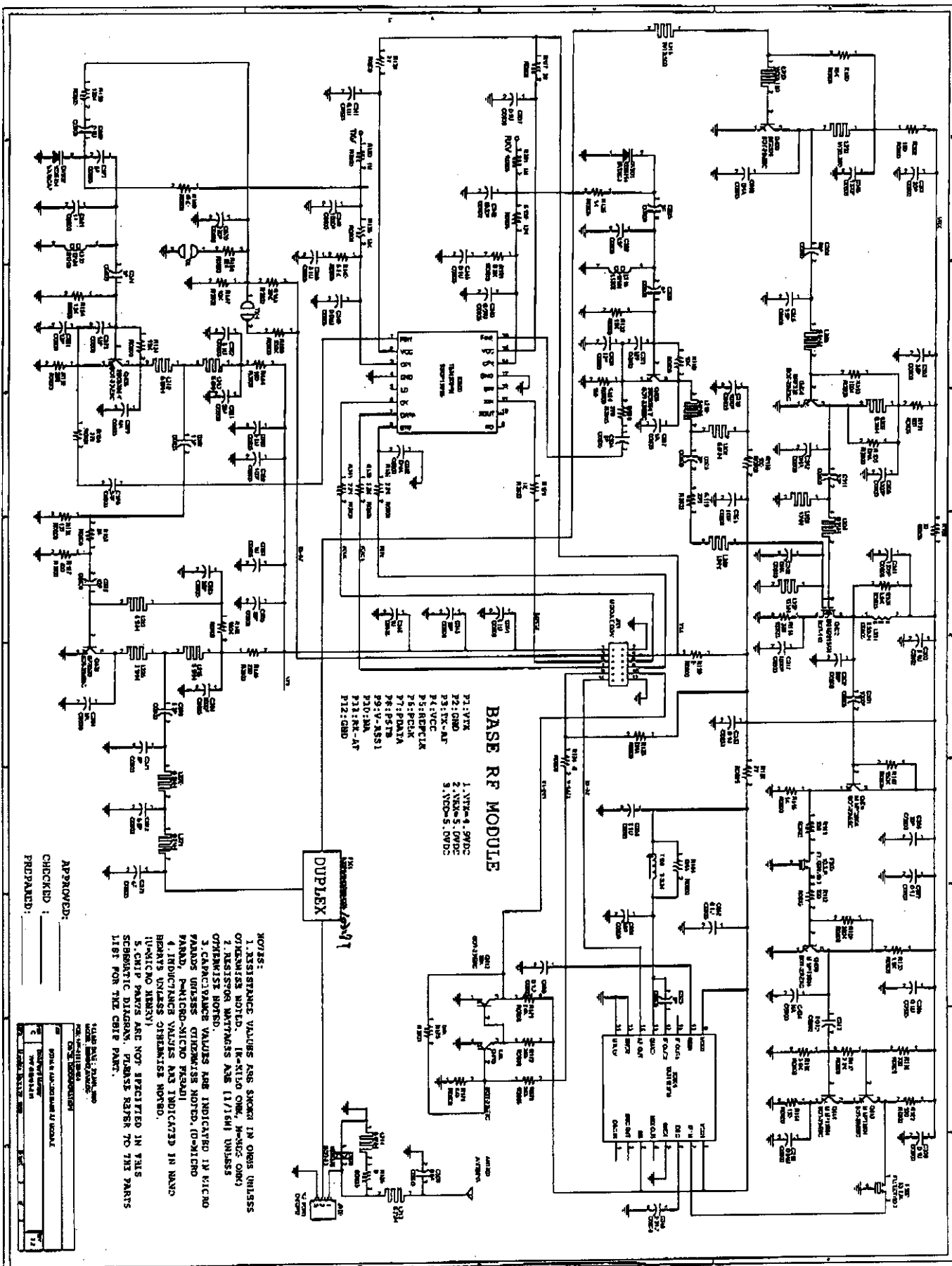
KEY PAD



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M2N RF B/L



New RF module (Base)