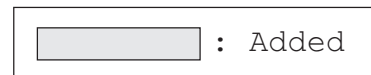
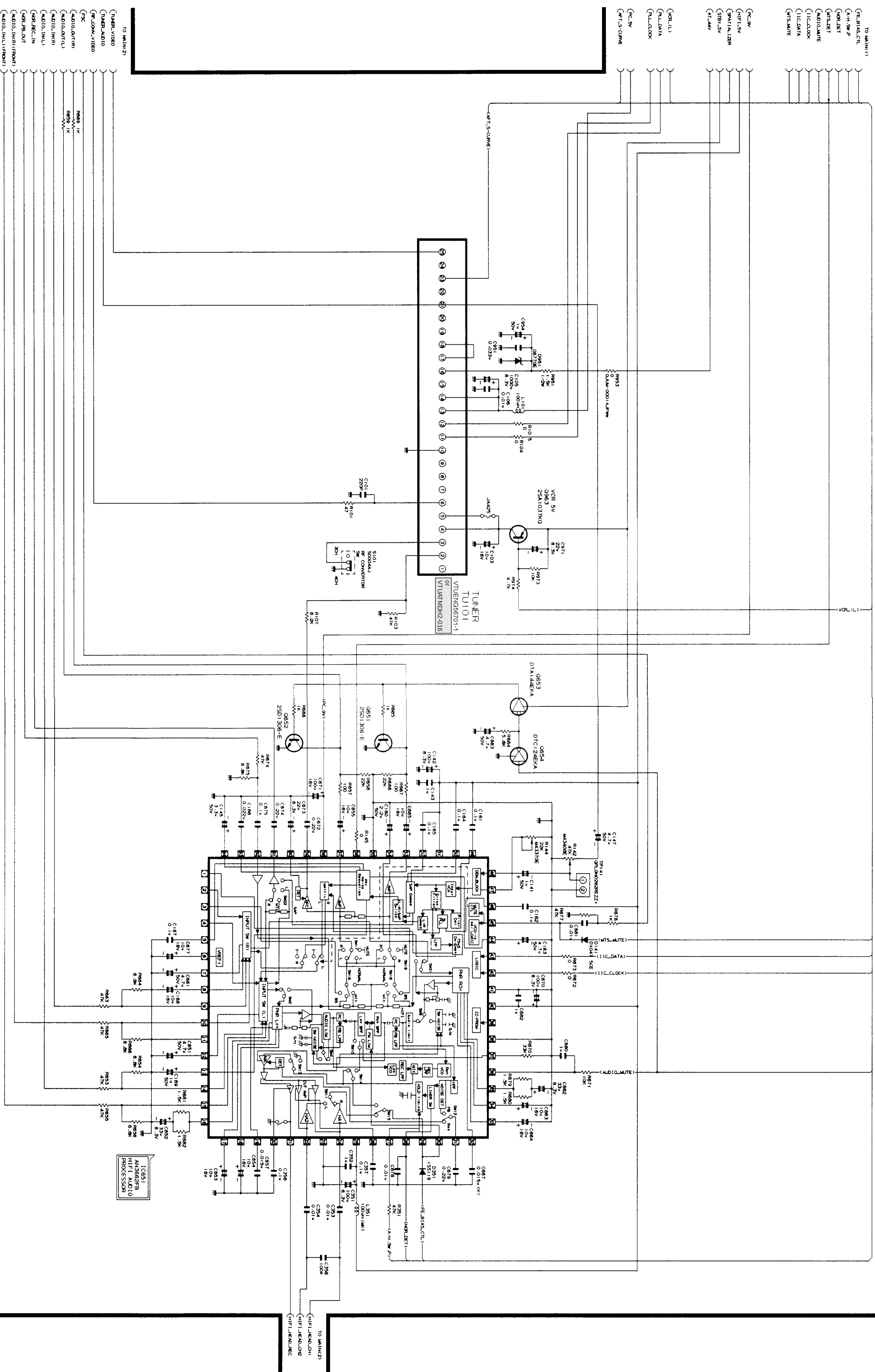


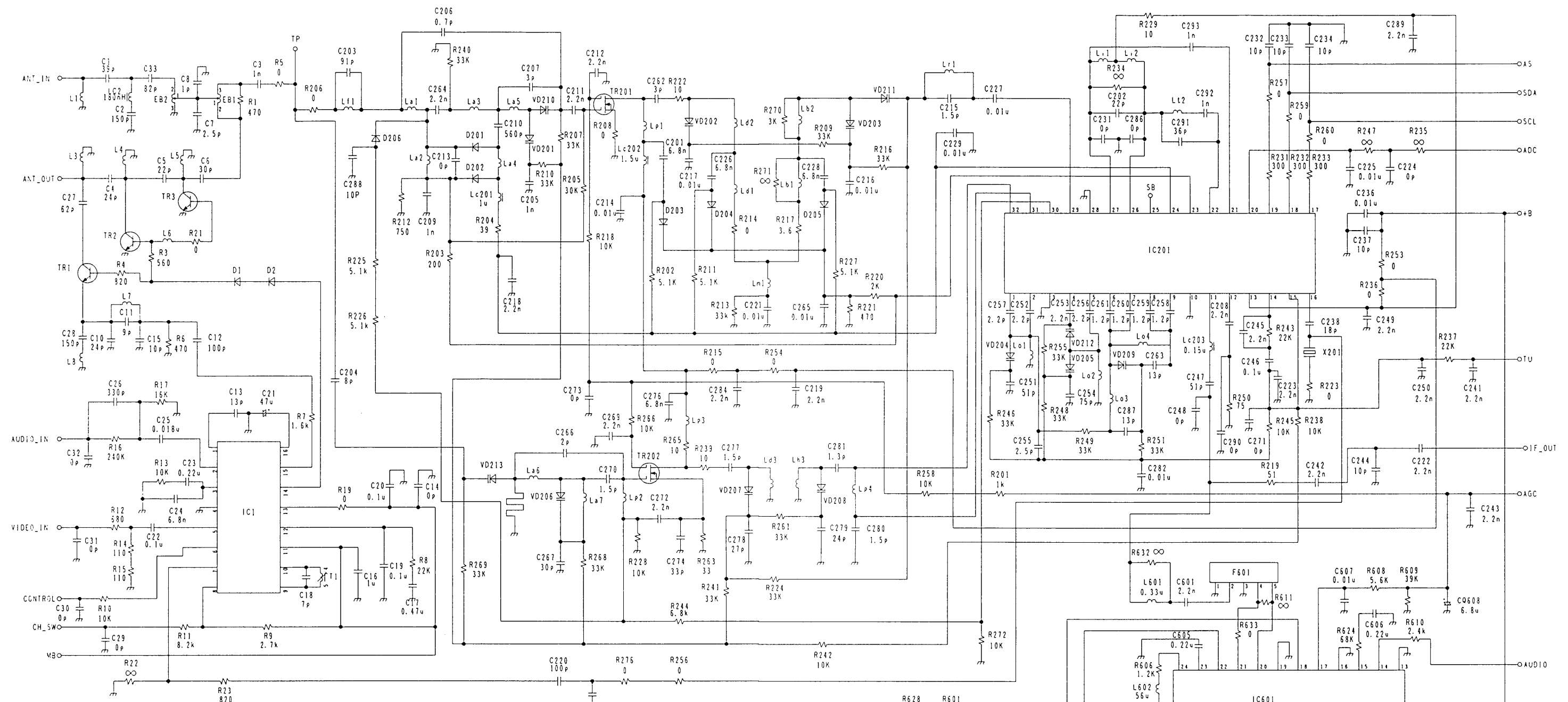
Schematic diagrams are marked difference between the alternative Tuner/RF Converter using and the current Tuner/RF Converter using.



1. Main 4

2. Tuner/RF Converter (VTUATMDH2-016)
Alternate Use





NOTES

1. UNLESS OTHERWISE SPECIFIED,
ALL RESISTORS ARE IN OHM (1/W),
CAPACITORS ARE IN FARAD,
INDUCTORS ARE IN HENRY.

2. SEMICONDUCTORS ARE AS FOLLOWS.

TR1, 2, 3 : 2SC4713K, 2SC4680
TR201 : BB305C, 3SK254, 3SK298, 3SK317
TR202 : 3SK318, 3SK255, 3SK296
TR601 : 2SA1576

VD201~205, 212 : HVC306
VD206~209 : HVC306
VD210, 211, 213 : HVC202
D201~206 : HSC277
D1, D2 : HSC277

IC1 : LA7160M
IC201 : ALP024, ALP020
IC601 : ALP027

F601 : F072ESM
F602 : TPS4.5MB
F603 : SFSH4.5MDB

SUPPLY VOLTAGE	
+B	5V
MB	5V
TU	32V

TMDH2X016A

CUST MODEL NO. ALPS MODEL NO.

ALPS ELECTRIC CO., LTD