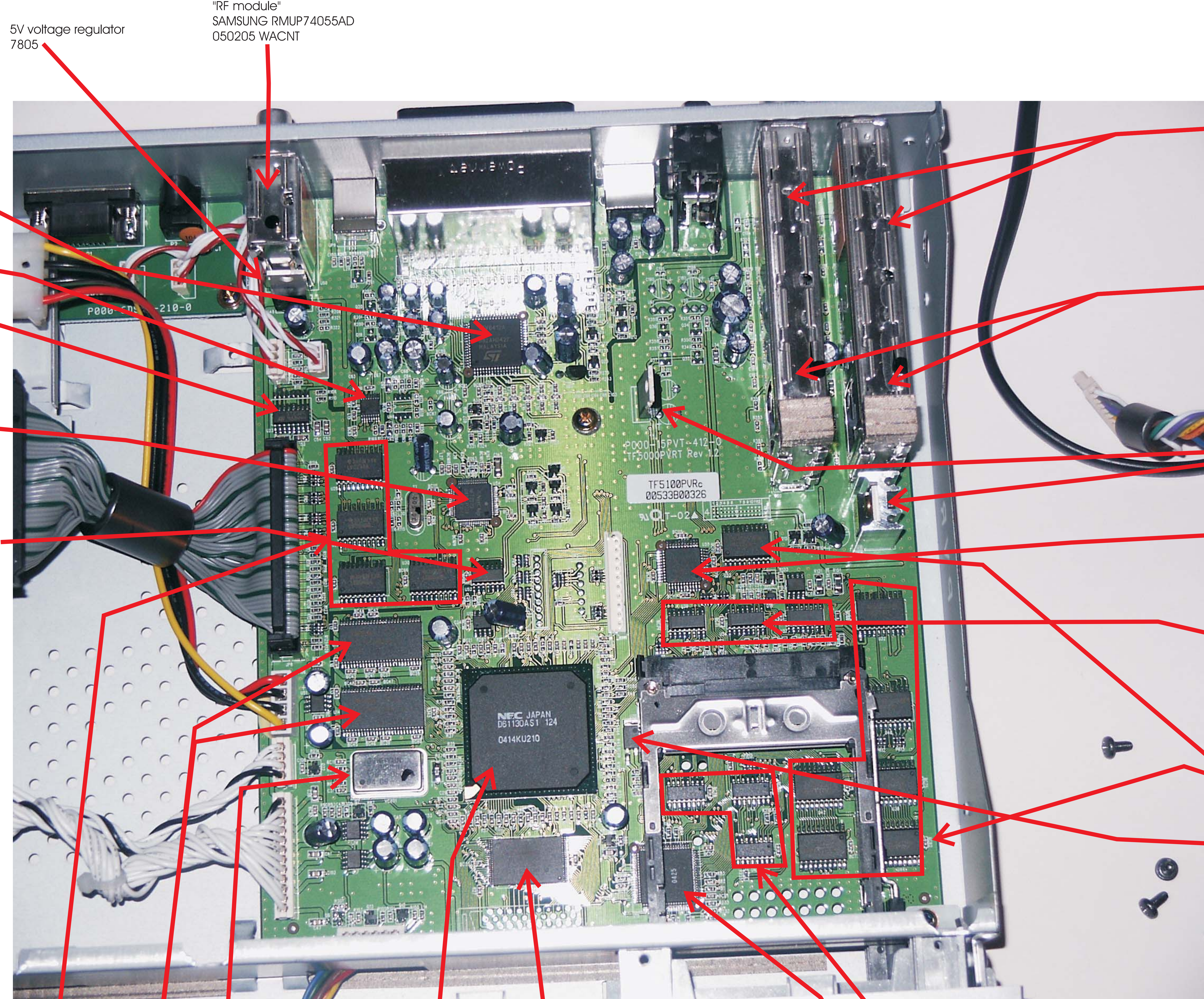


## Motherboard



5V voltage regulator  
7805

"RF module"  
SAMSUNG RMUP74055AD  
050205 WACNT

AUDIO/VIDEO SWITCH MATRIX  
STV6412A  
<http://www.st.com/stonline/books/pdf/docs/9754.pdf>

D/A converter ??  
philips TDA 1334 7140 n045  
??

RS232 driver and receiver  
ST232C  
<http://www.st.com/stonline/books/pdf/docs/6420.pdf>

16/8-bit Hi-Speed USB 2.0  
Local Bus Device Controller  
NET2270™  
<http://www.pkttech.com/products/NET2000/net2270/overview.asp>

TI LVC02A  
Quadruple 2-Input Positive-NOR Gate

Tuner  
SAMSUNG TCMU30311PJT 040701 IBT

Digital Cable QAM Demodulator  
STV0297  
<http://www.st.com/stonline/press/magazine/prodnews/4thed/99/pnews3.htm>

5V voltage regulator  
7805

EEPROM based Programmable Logic device  
MAX 3000A family, Altera epm3032a -TC44-10  
600 gates, 227MHz  
<http://www.altera.com/literature/ds/m3000a.pdf>

Crystal oscillator  
JINHYUN  
27.0000MHz  
VHF3-050  
04 09

Main processor  
NEC D61130AS1 124  
0414KU210  
see: [http://www.necel.com/digital\\_av/english/mpegdec/d61130a.html](http://www.necel.com/digital_av/english/mpegdec/d61130a.html)

16 Mbit "boot sector" FLASH Memory  
AMD AM29LV160DB

Quadruple 2-Line To 1-Line Data Selector/Multiplexer With 3-State Outputs  
TI LVC257A

ASiC for Common Interface  
Topfield TF301SC10

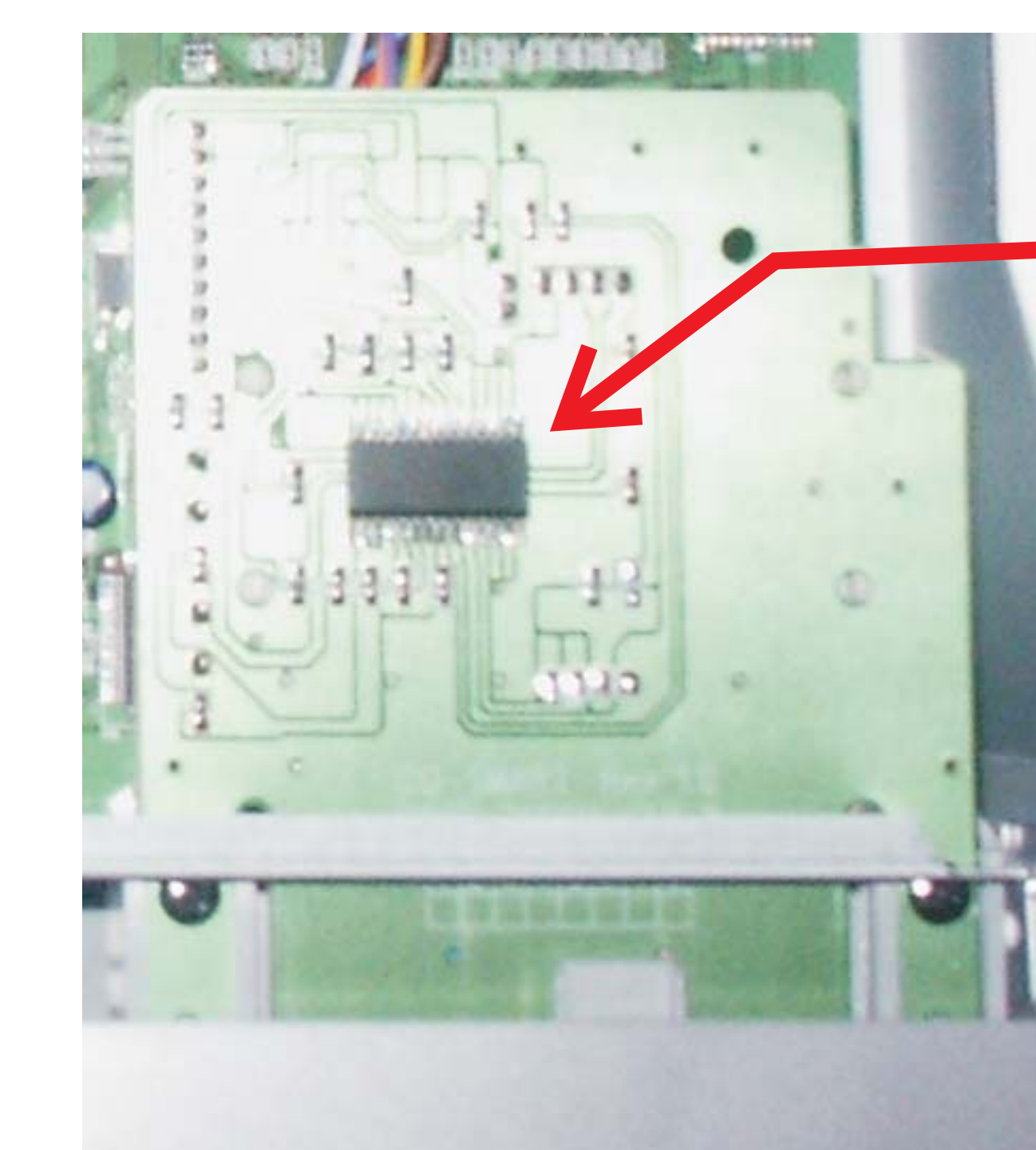
2x 4banks x 4Mbits x 16 SRAM  
133MHz Synchronous RAM  
Hynix 453U  
HY57V56162OCT-H  
KOR  
[http://www.hynix.com/datasheet/pdf/dram/HY57V561620C\(L\)T\(P\)\(Rev.0.5\).pdf](http://www.hynix.com/datasheet/pdf/dram/HY57V561620C(L)T(P)(Rev.0.5).pdf)

Non-Inverting Quad 2-Input Multiplexer with 3-State Outputs  
TI HCT257

non-inverting octal bus transceiver  
3-state  
TI HCT244 and TI HCT244

Low dropout voltage regulator  
ST L1117

## Cardreader



IC Card interface  
Philips TDA8004A  
[http://www.semiconductors.philips.com/acrobat\\_download/datasheets/TDA8004AT\\_2.pdf](http://www.semiconductors.philips.com/acrobat_download/datasheets/TDA8004AT_2.pdf)