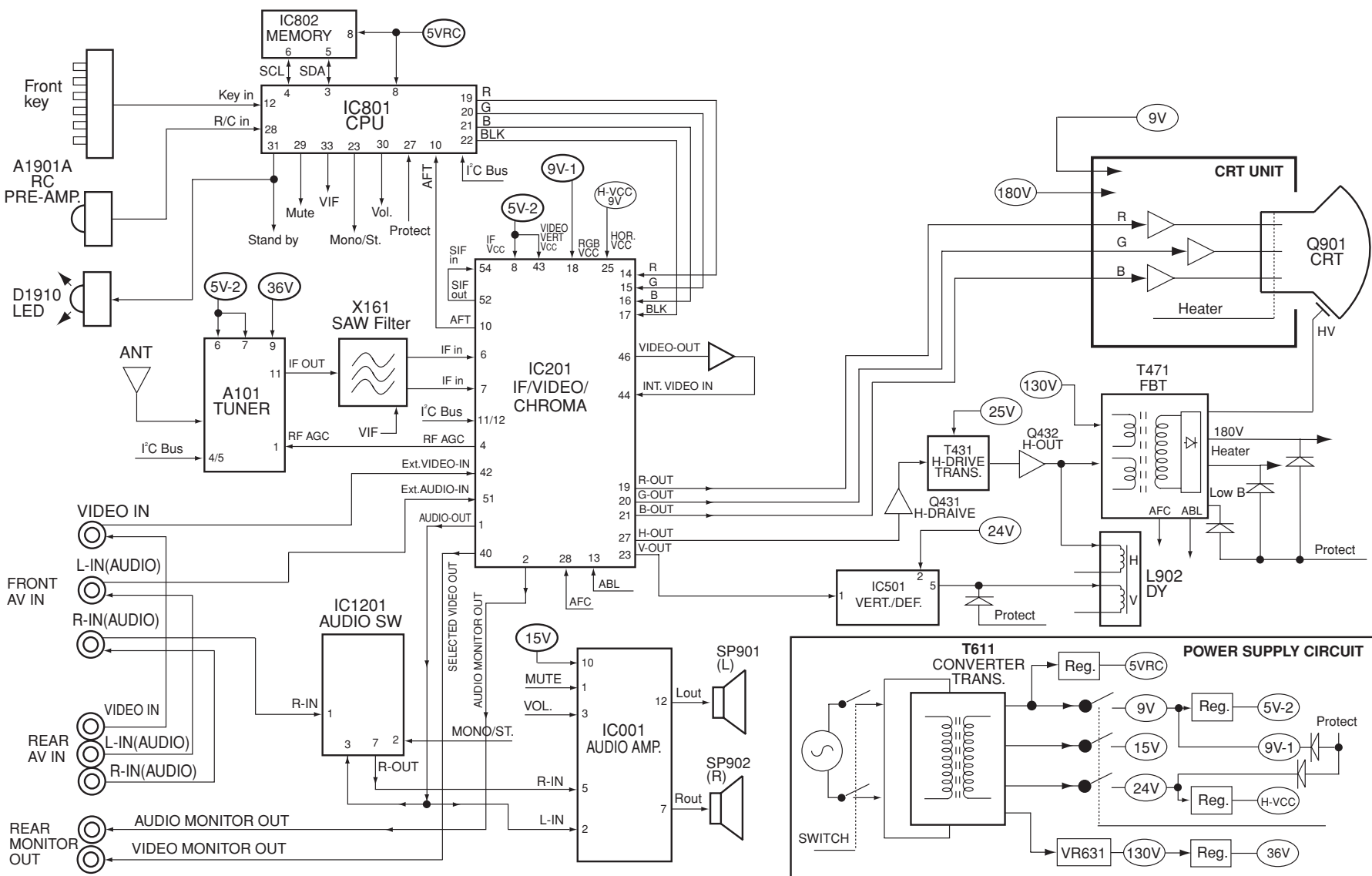


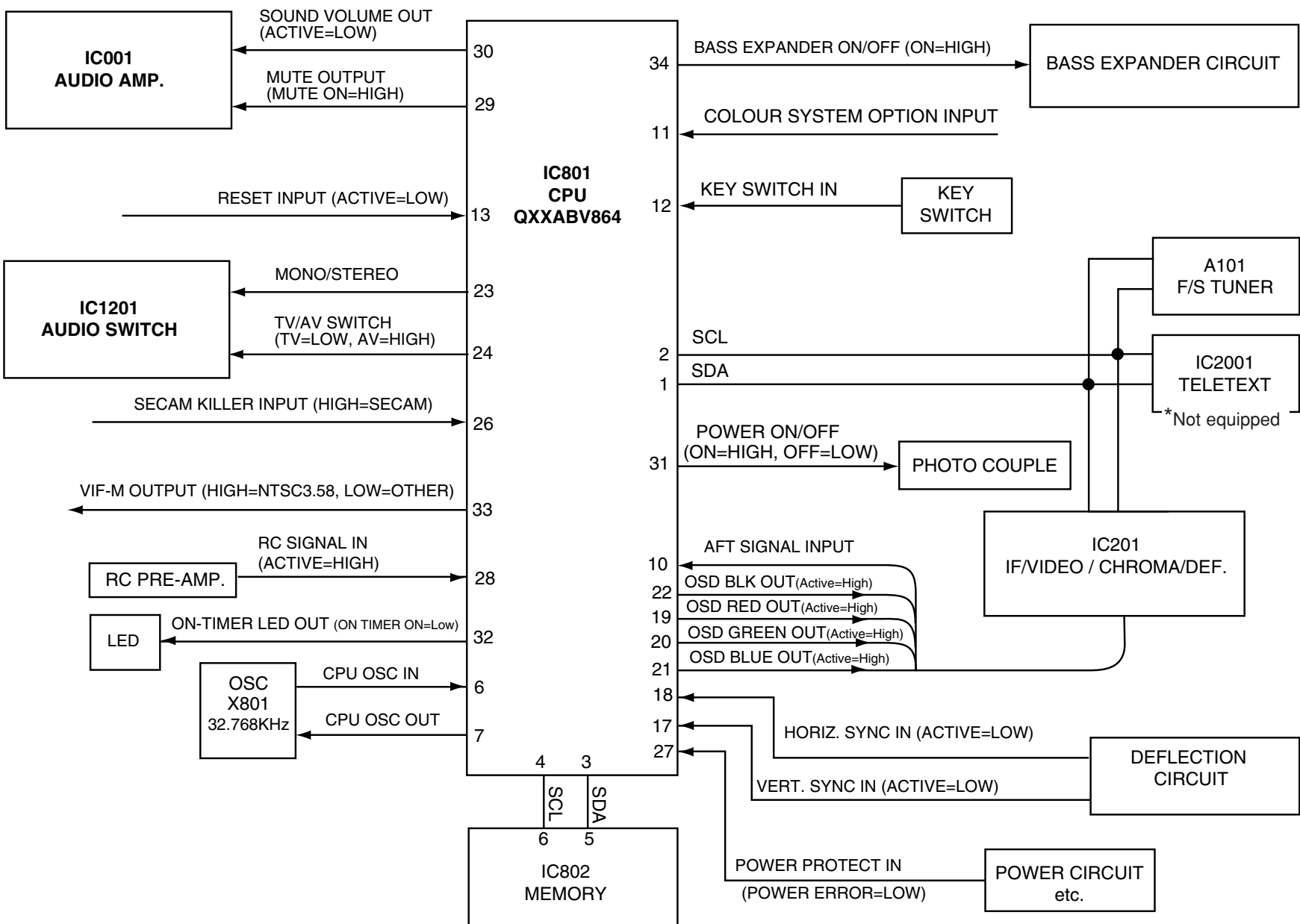
# Chassis Block Diagrams

## MAIN SIGNAL PROCESSING CIRCUIT



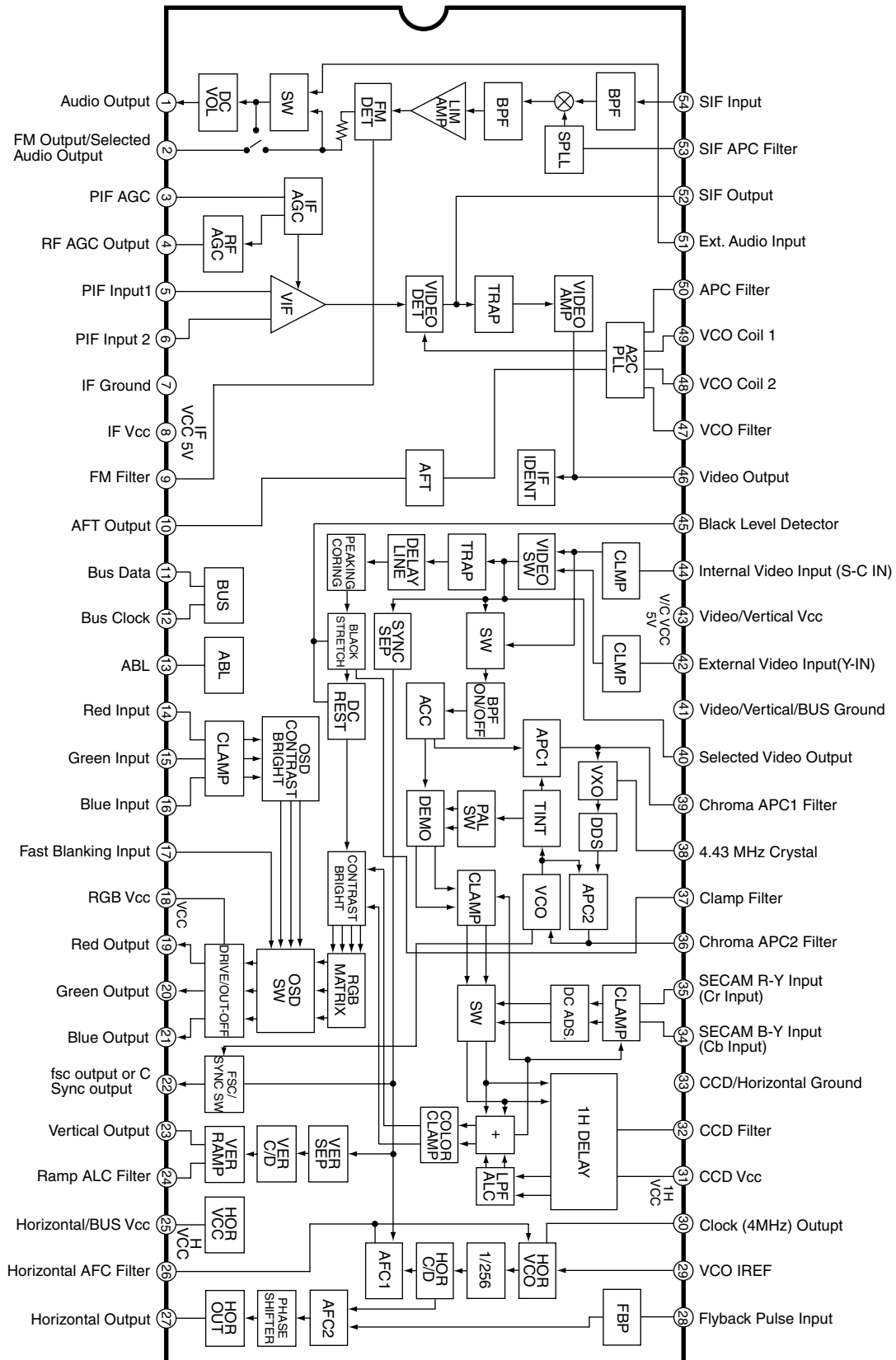
# Chassis Block Diagrams

## SYSTEM CONTROL

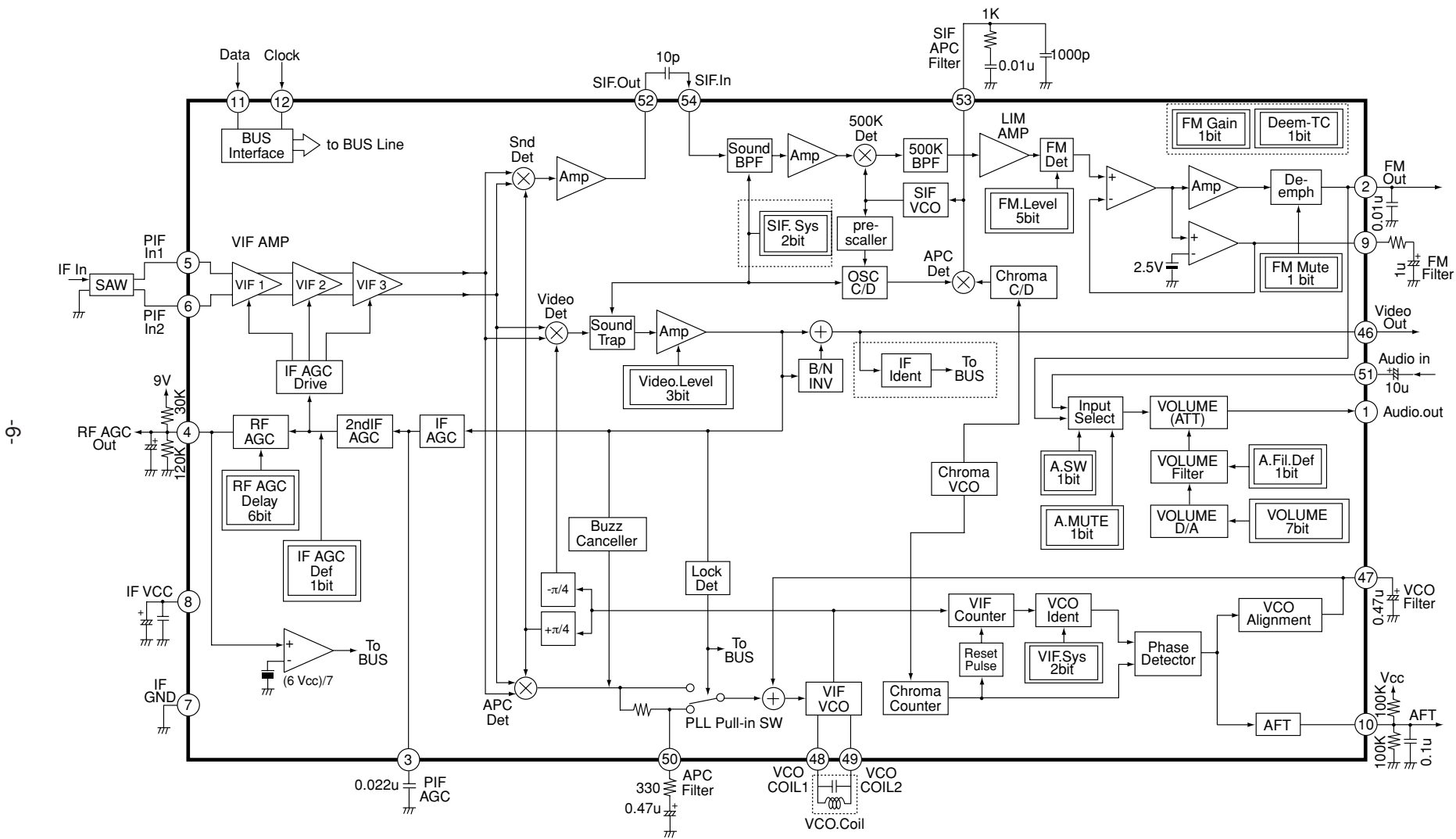


# IC Block Diagrams

IC201 < IF/Video/Chroma/Def. > LA76818

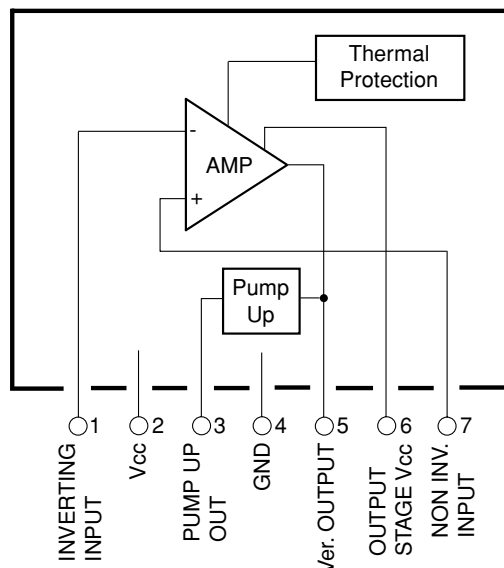


## IC201 <IF System Block Diagram> LA76818

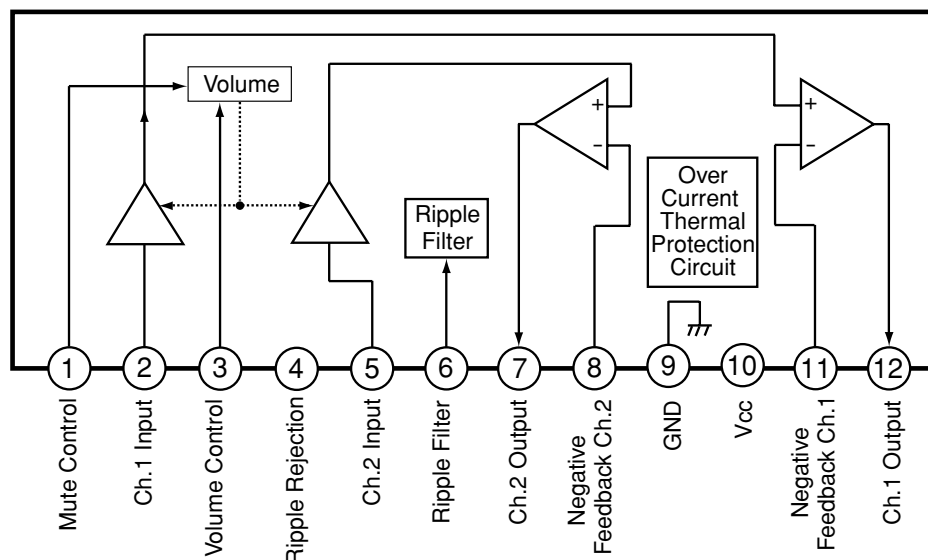


# IC Block Diagrams

## IC501 < Vertical Output > LA78040/TDA9302H



## IC001 < Audio AMP.> AN5274



## Service Information

### ■ Protection Circuit

This TV set has a built-in power supply protection circuit.

It is provided to protect the TV set in case of a power supply circuit malfunctions. When something abnormality occurs during TV reception, the TV set goes to the stand-by mode.

When an abnormality occurs during TV reception, it causes pin 27 of the CPU to go continually Low (less than 0.75V) for about one second. The CPU detects that this has occurred and outputs the signal from pin 31 to switch off the power supply lines.

### Releasing the protective circuit and restoring power supply

To release the protective circuit and restore power supply, turn the power to the TV set OFF and then ON again via either the main power switch or the ON-OFF button on the remote control. This will work only if the power supply trouble was temporary. If there is permanent trouble such as a damaged circuit, power cannot be restored and the circuit will have to be repaired.