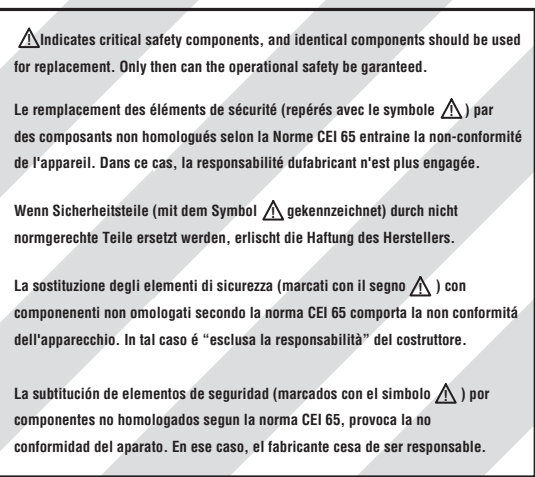


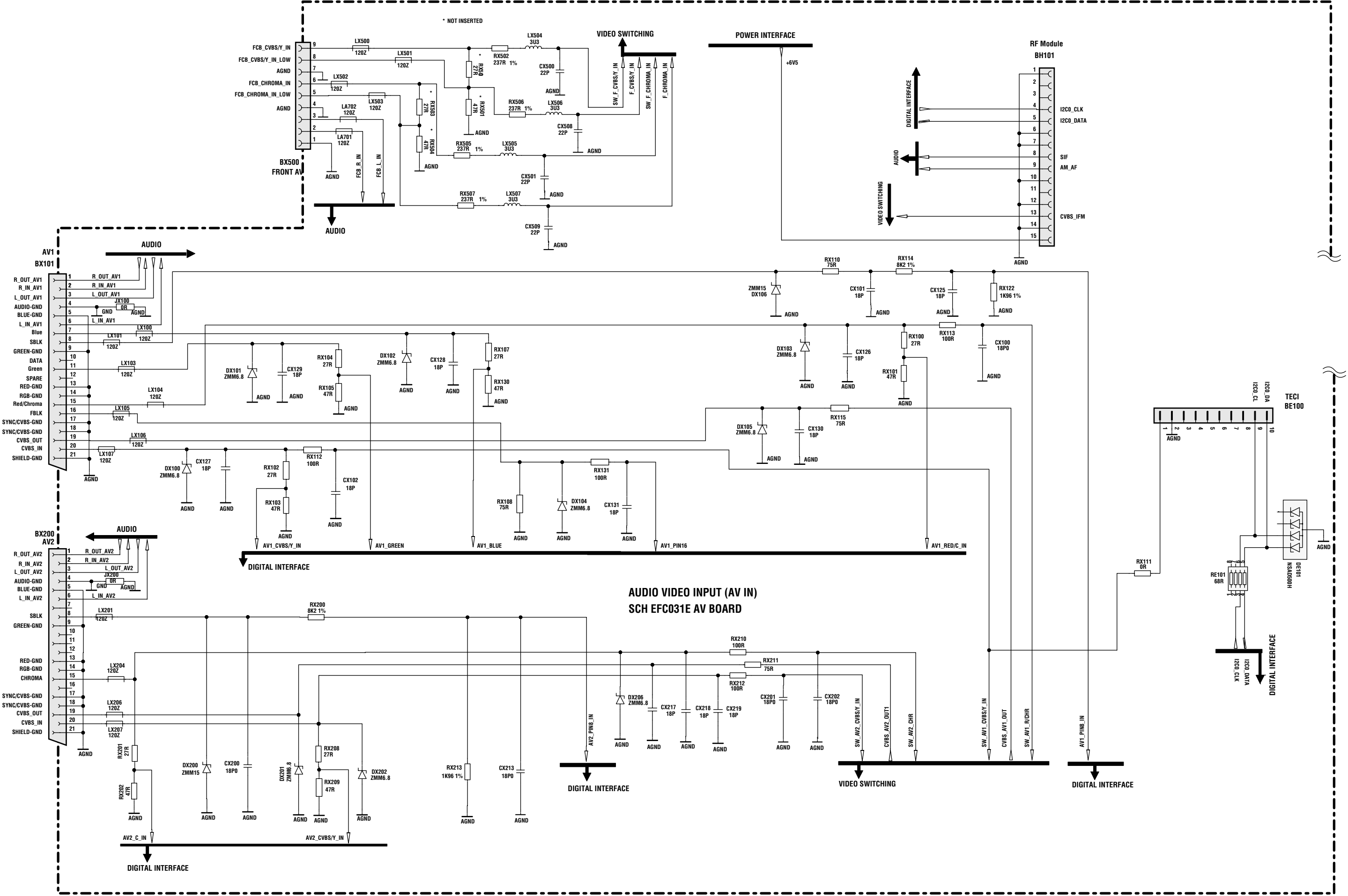


**SCHEMATIC DIAGRAM - SCHEMA DE PRINCIPE - SCHALTBILD - SCHEMA - ESQUEMA**

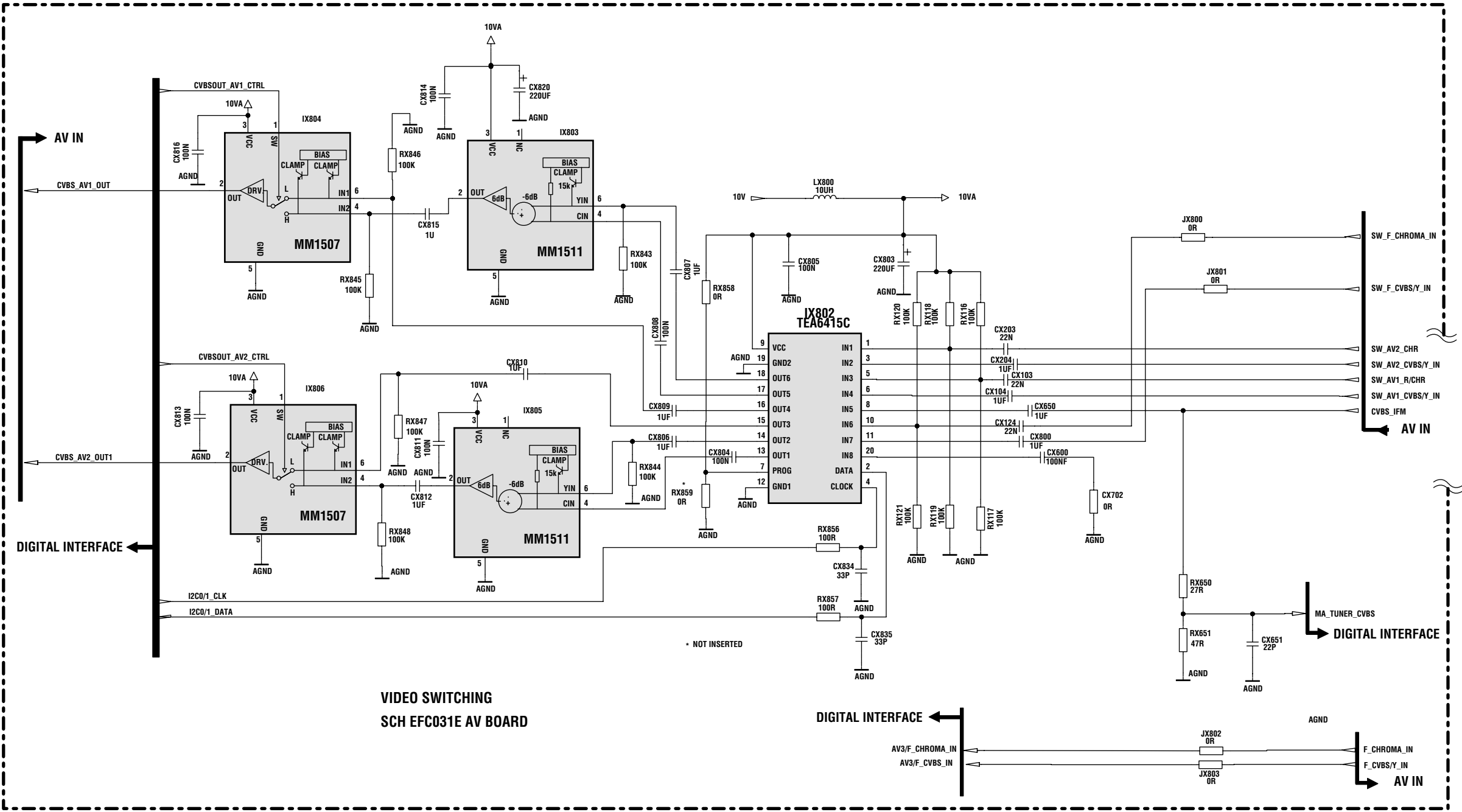


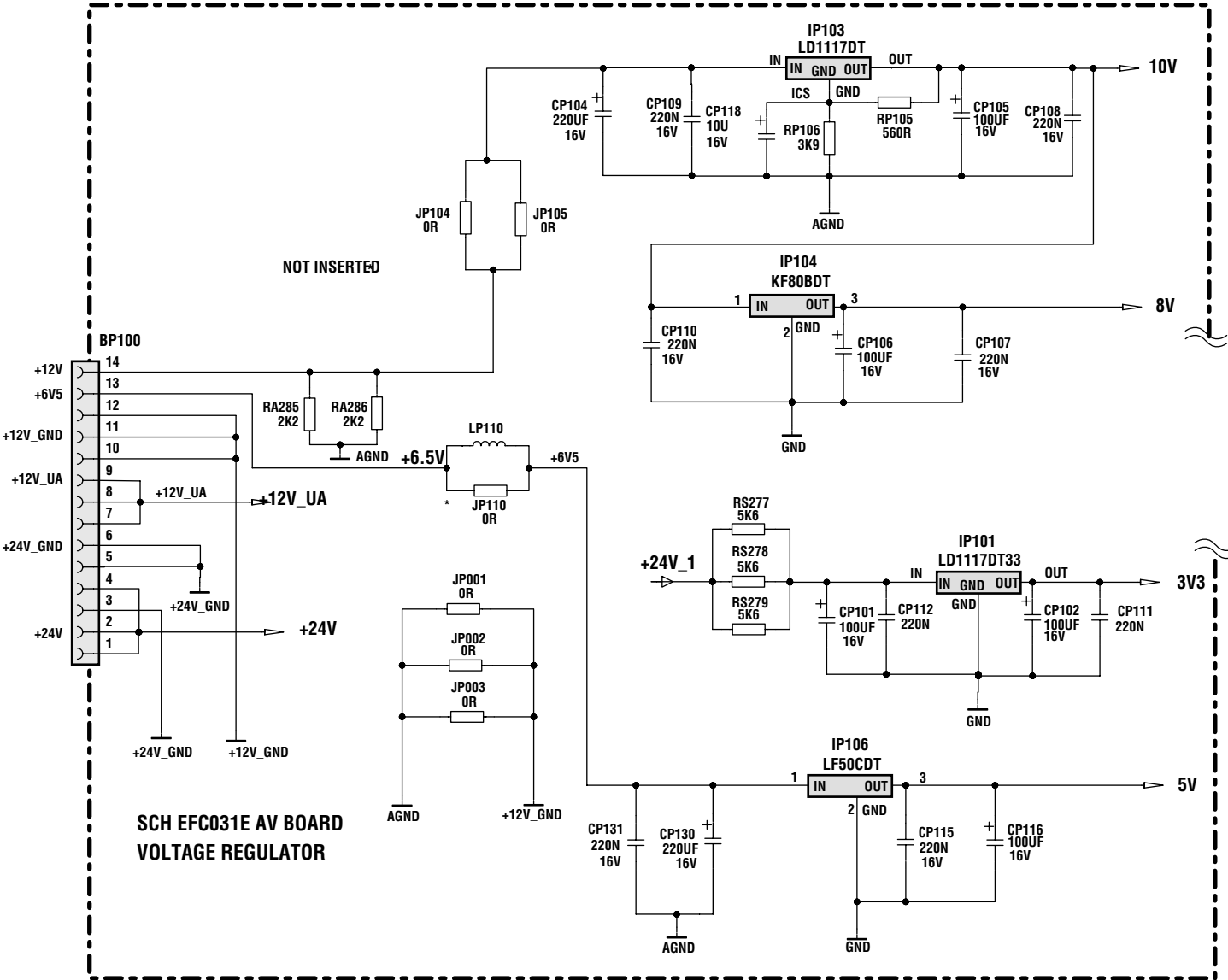
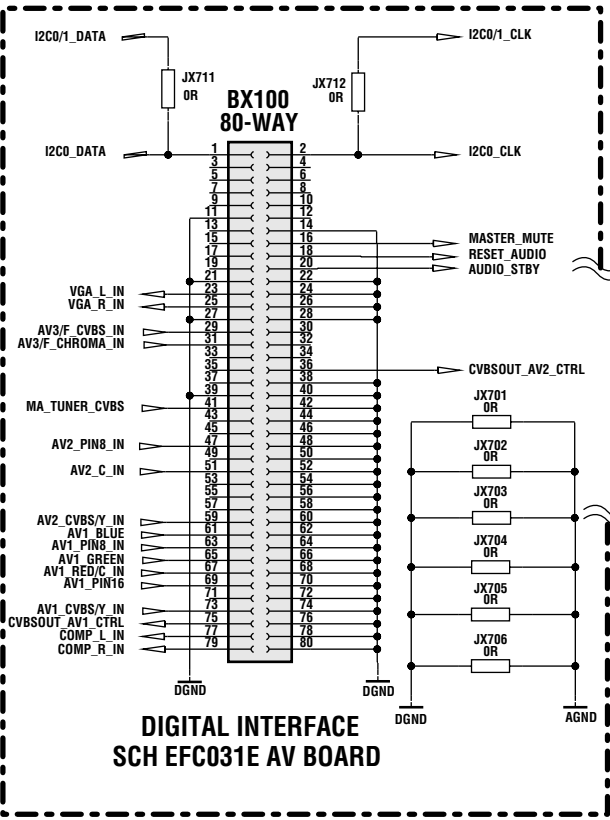
Optimizat un transformator alisator de fcu

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

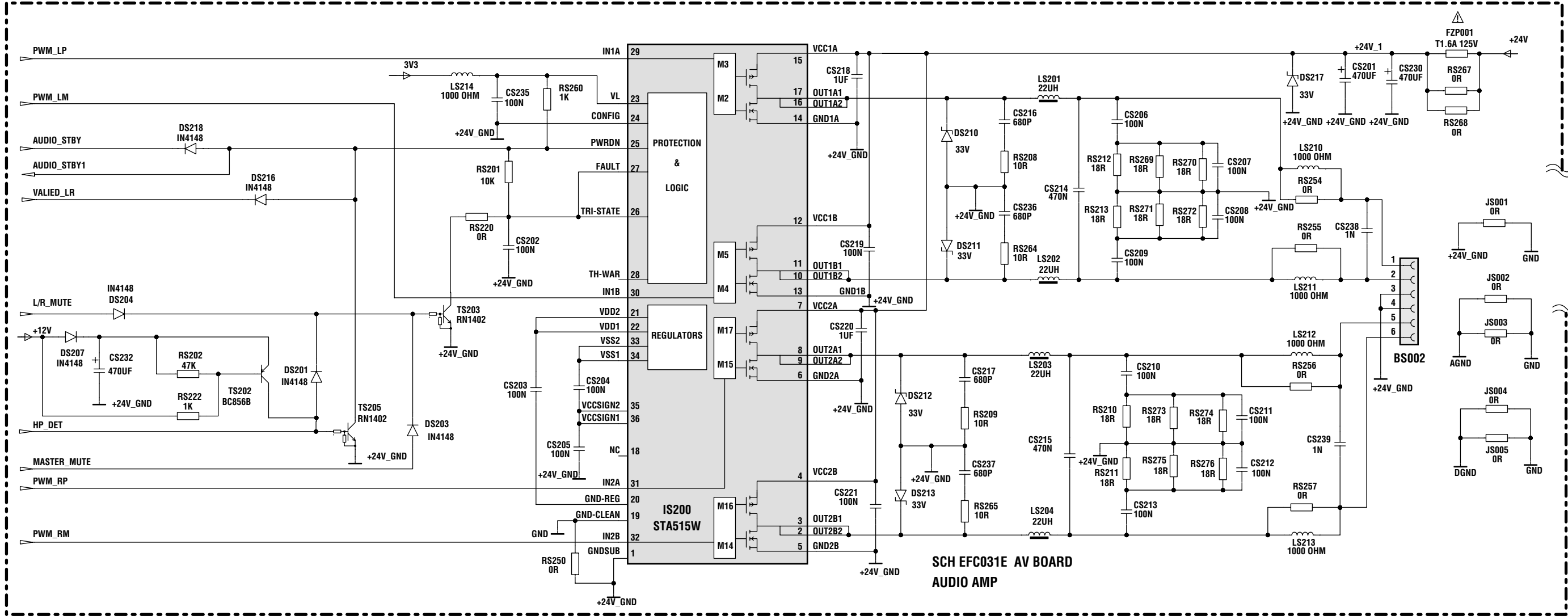


**MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL**

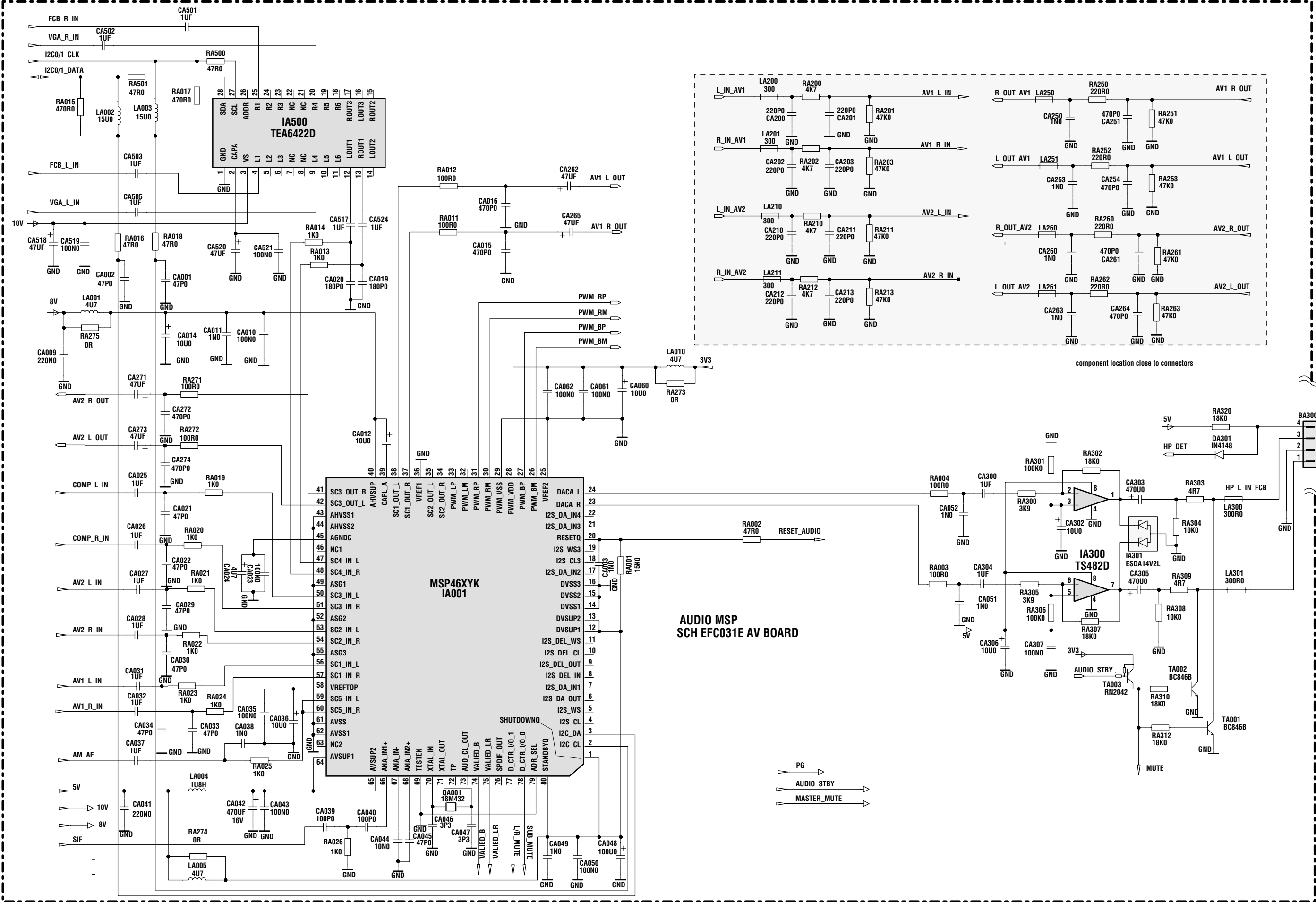




MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL



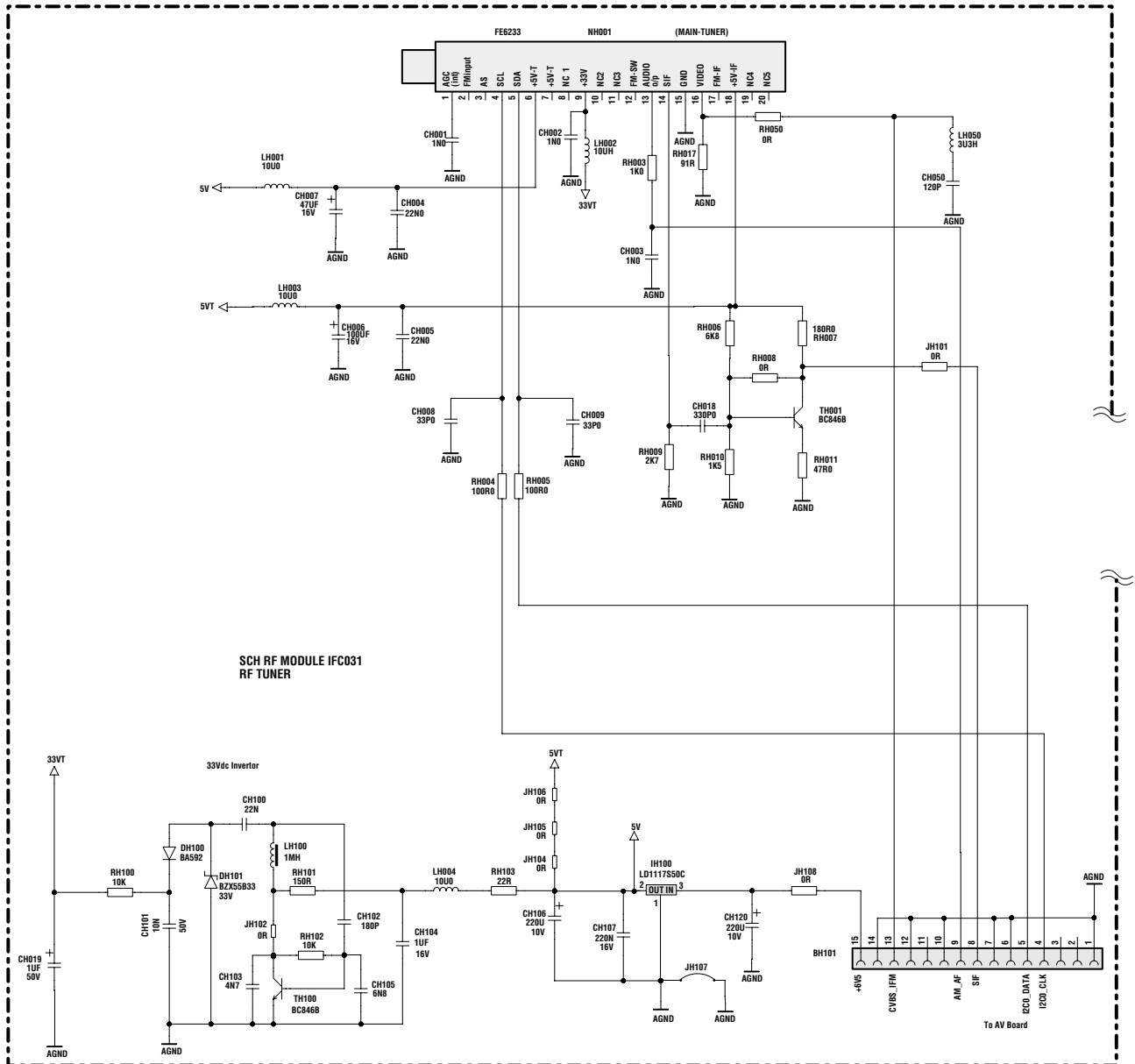
MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL



# MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE

## SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE

### ESQUEMA DE LA PLATINA PRINCIPAL





The schematic diagram illustrates the internal circuitry of the SCALER INPUT DISPLAY EFC031E. It features two main ICs: IR100A (21430020) and IR104 (21398580). The IR100A is connected to various input signals (INORE[2:9], INOGE[2:9], INOBE[2:9]) and output signals (DCLK, DV5, DH5, DEN). The IR104 is connected to the IR100A and provides LVDS output signals (TXA0+, TXA0-, TXA1+, TXA1-, TXA2+, TXA2-, TXA3+, TXA3-, TXB0+, TXB0-, TXB1+, TXB1-, TXB2+, TXB2-, TXB3+, TXB3-, TXC0+, TXC0-, TXC1+, TXC1-, TXC2+, TXC2-, TXC3+, TXC3-). The diagram also shows a 3V3D2 voltage source connected to the circuit. Various resistors (RR100, RR101, RR102, etc.) and capacitors (CR102, CR103, etc.) are used for signal conditioning and timing. A table at the bottom right provides information on the insertion of components for LCD-TV and PLASMA-TV models.

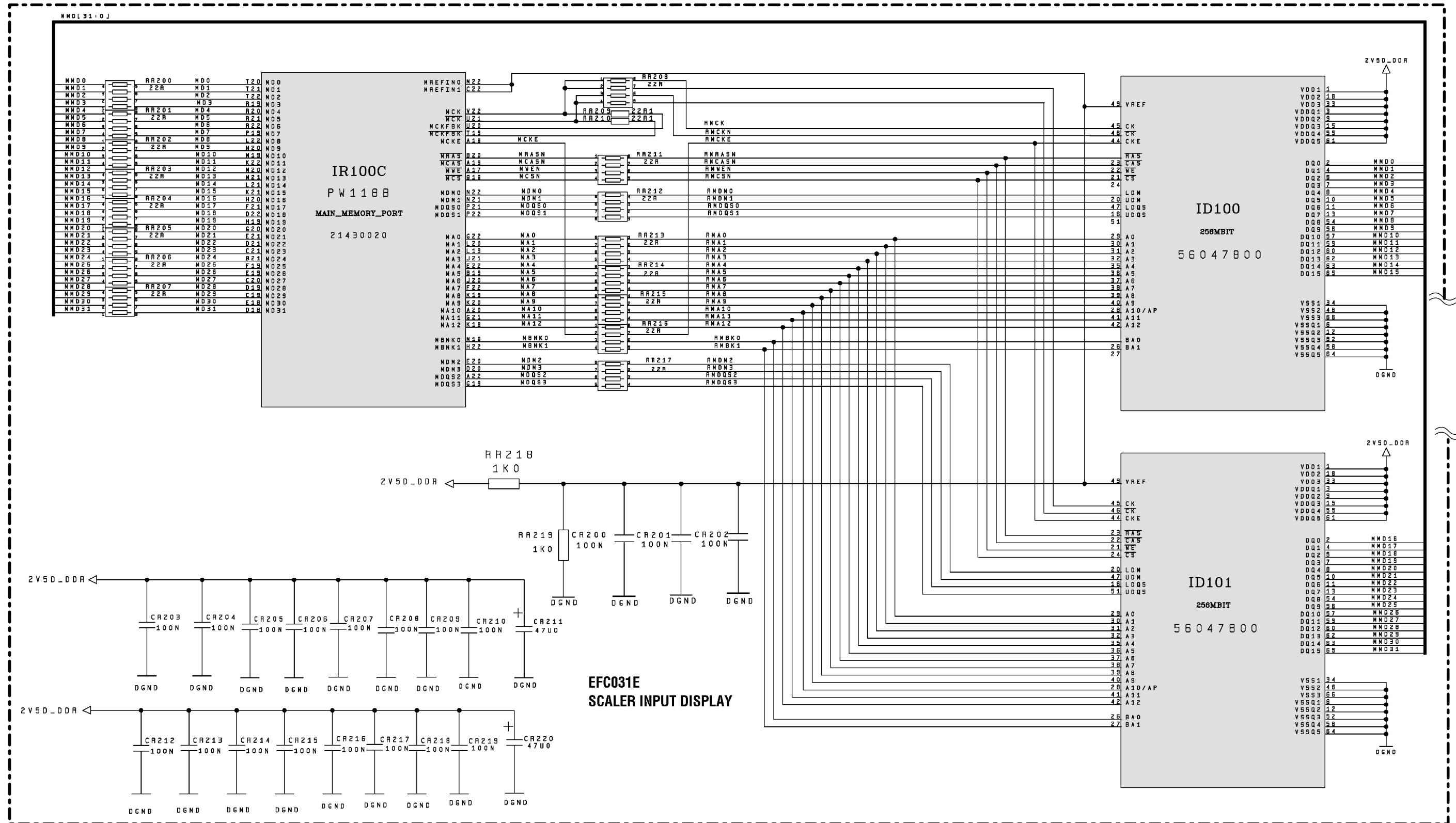
LCD PANEL MODEL	LVDS OPTION		OVERDRIVE OPTION			
	*RR150	*RR151	*RR152	*RR153	*RR154	*RR155
LPL26-12V	X	✓	X	✓	X	✓
AU026-12V	X	✓	X	✓	X	✓
LPL32-12V	X	✓	X	✓	X	✓
CM032-5V	X	✓	✓	X	X	✓

**SCALER INPUT DISPLAY EFC031E**

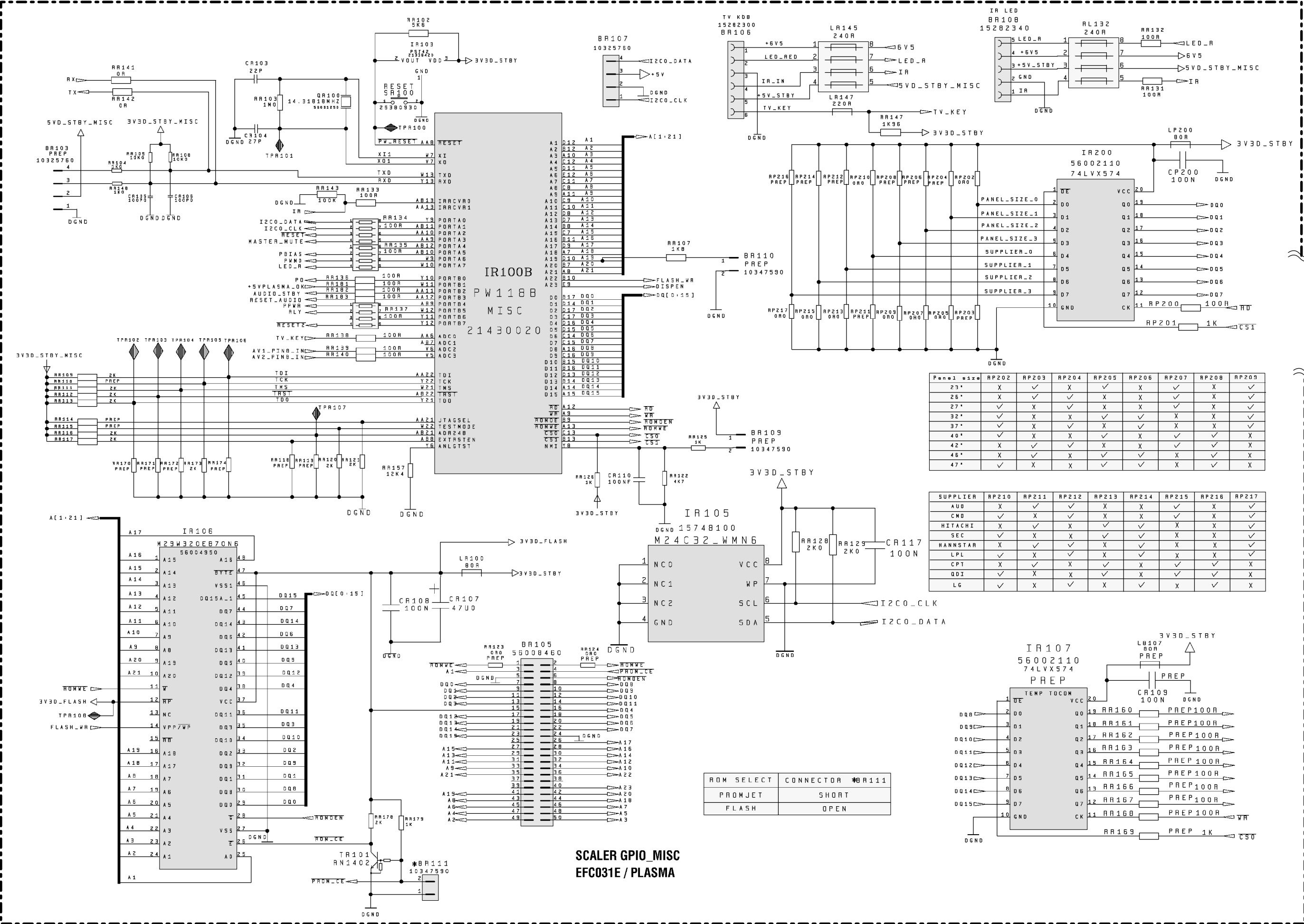
INSERTION OF COMPONENTS FOR LCD-TV ONLY.

INSERTION OF COMPONENTS FOR PLASMA-TV ONLY.

**EFC031-IFC130-IFC230**  
First issue 12 / 05



SCALER SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE SCALER - SCHALTBILD SCALER - SCHEMA DELLA PIASTRA SCALER - ESQUEMA DE LA PLATINA SCALER



**EFC031-IFC130-IFC230**  
First issue 12 / 05

