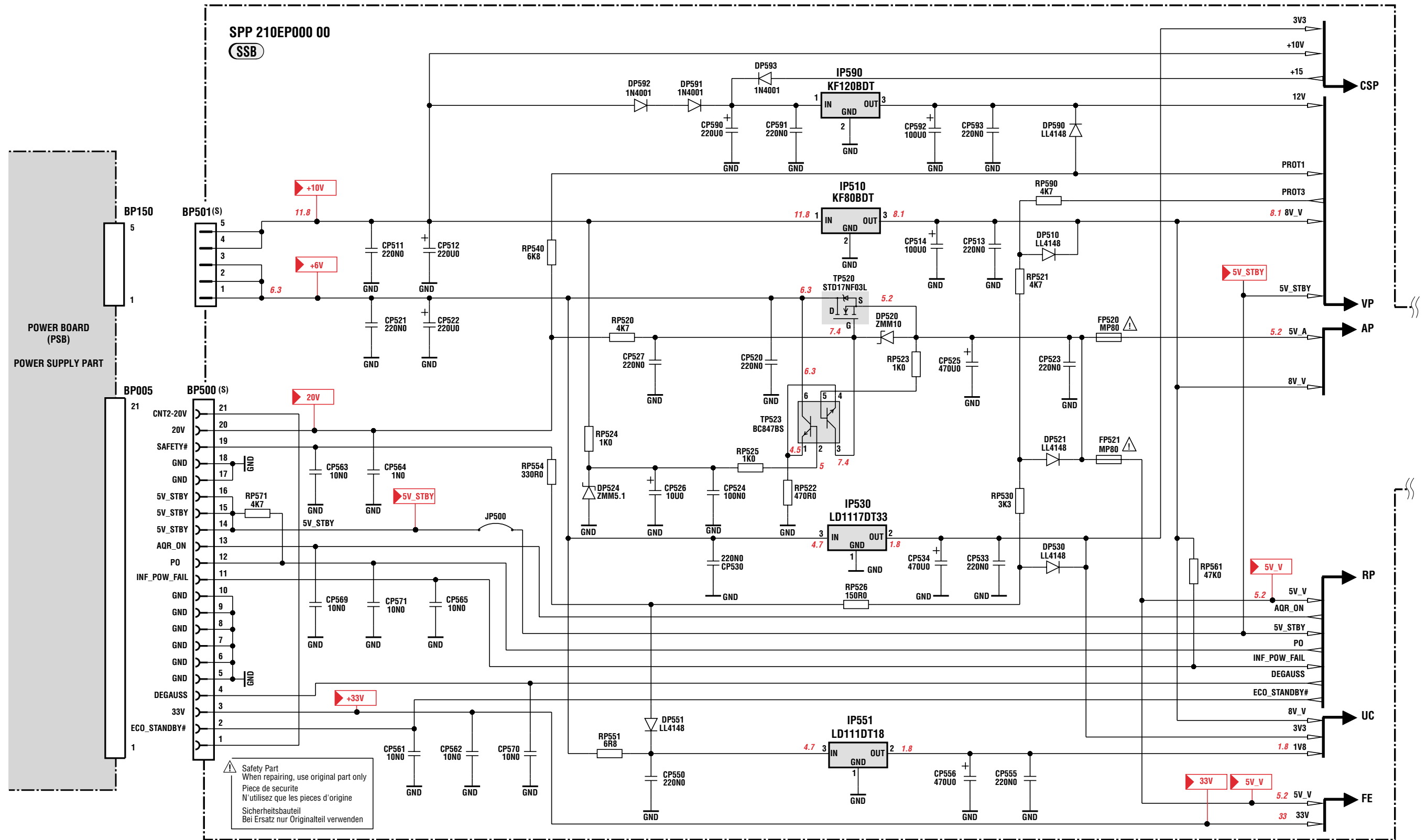
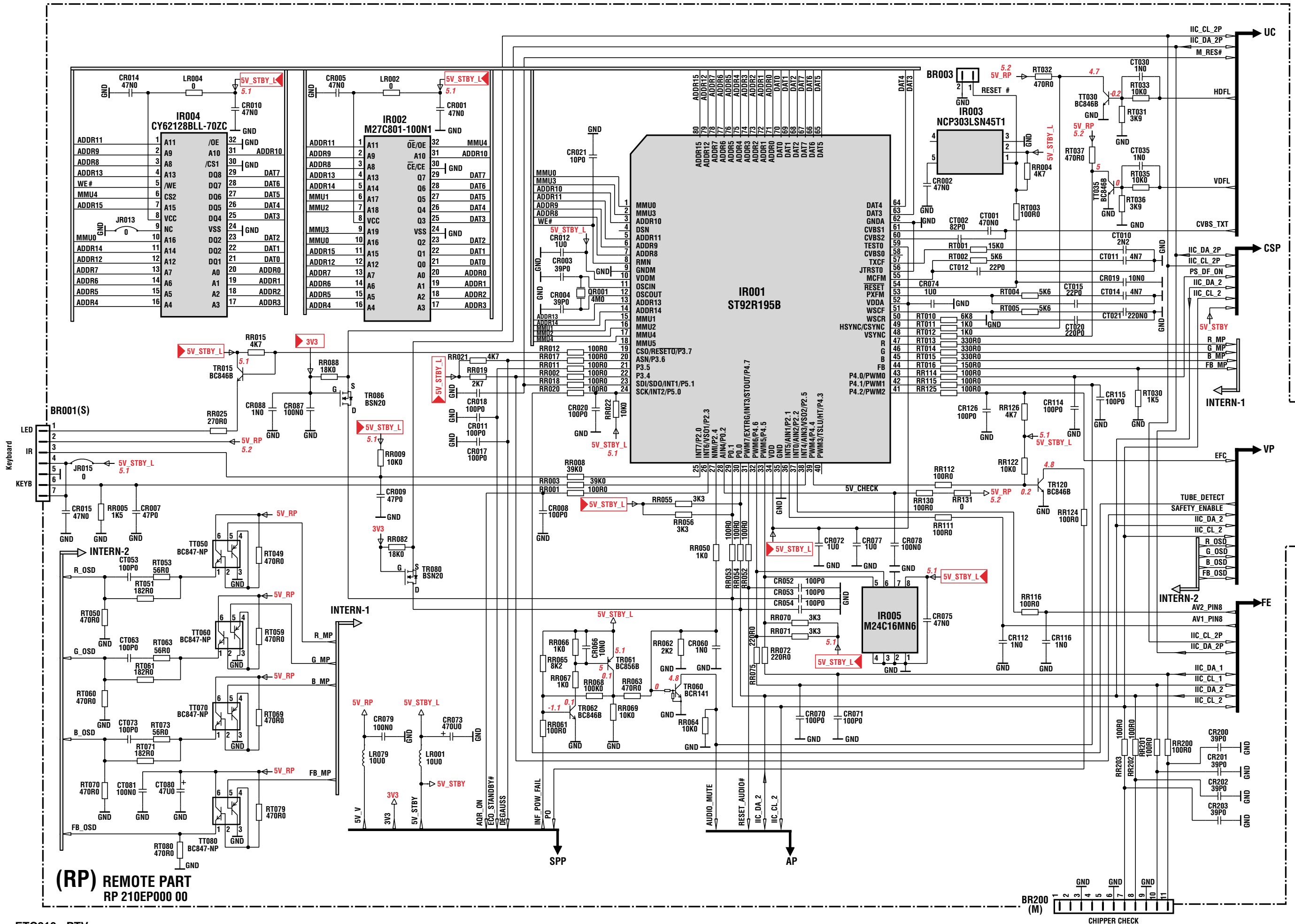


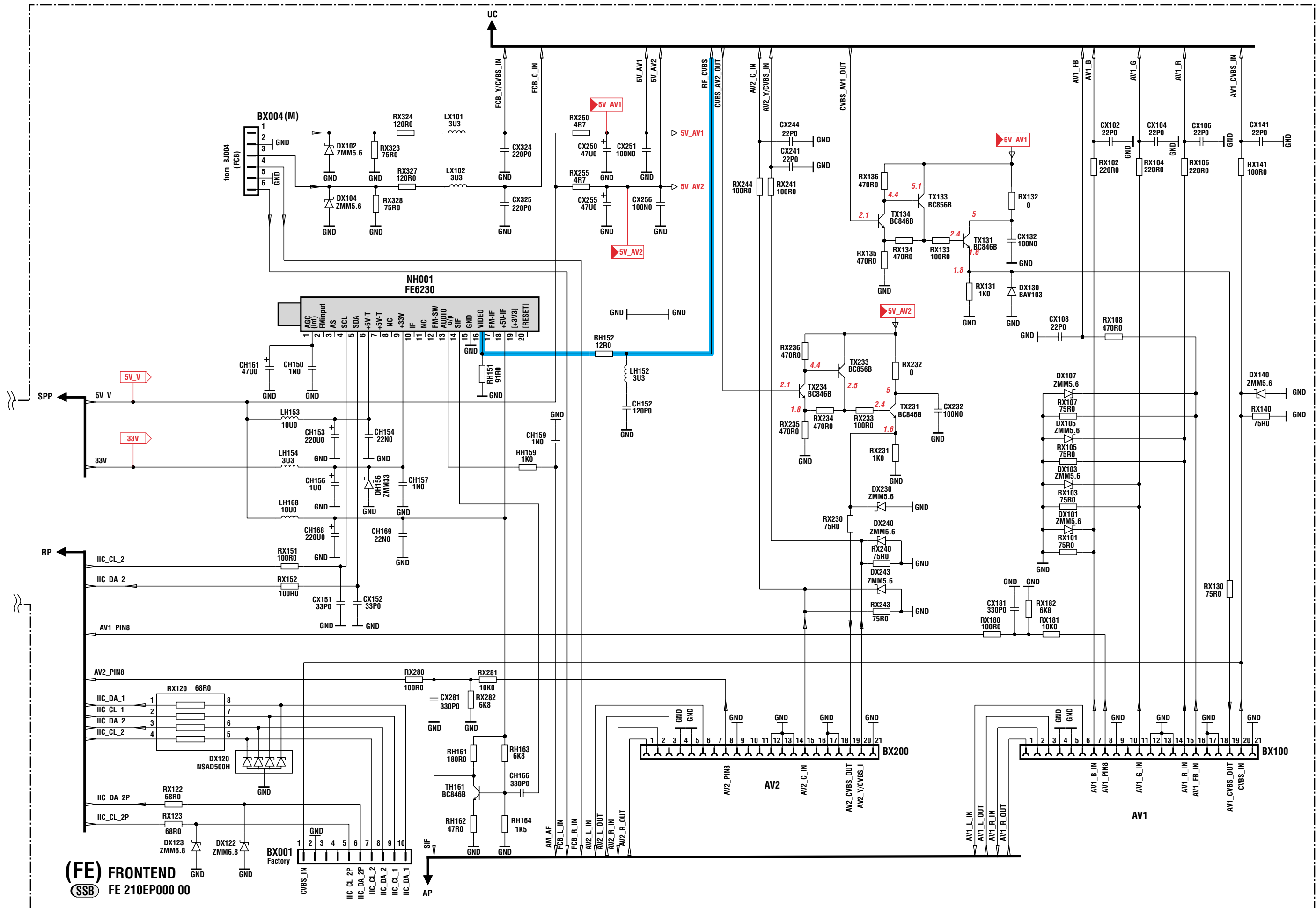
SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 SIGNAL BOARD POWER PART - PARTIE ALIMENTATION DE LA PLATINE PETITES SIGNAUX - BETRIEBSSPANNUNGSERZEUGUNG SIGNAL PLATINE -
 PARTE ALIMENTAZIOEN PIASTRA SEGNALI - PARTE ALIMENTACIÓN PLACA SEÑAL



SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 REMOTE / MICROCONTROLLER - GESTION / MICROCONTROLEUR - FERNBEDIENUNGS- UND MICROCONTROLLERSTUFEN - MICROPROCESSORE - REMOTO / MICROCONTROLADOR

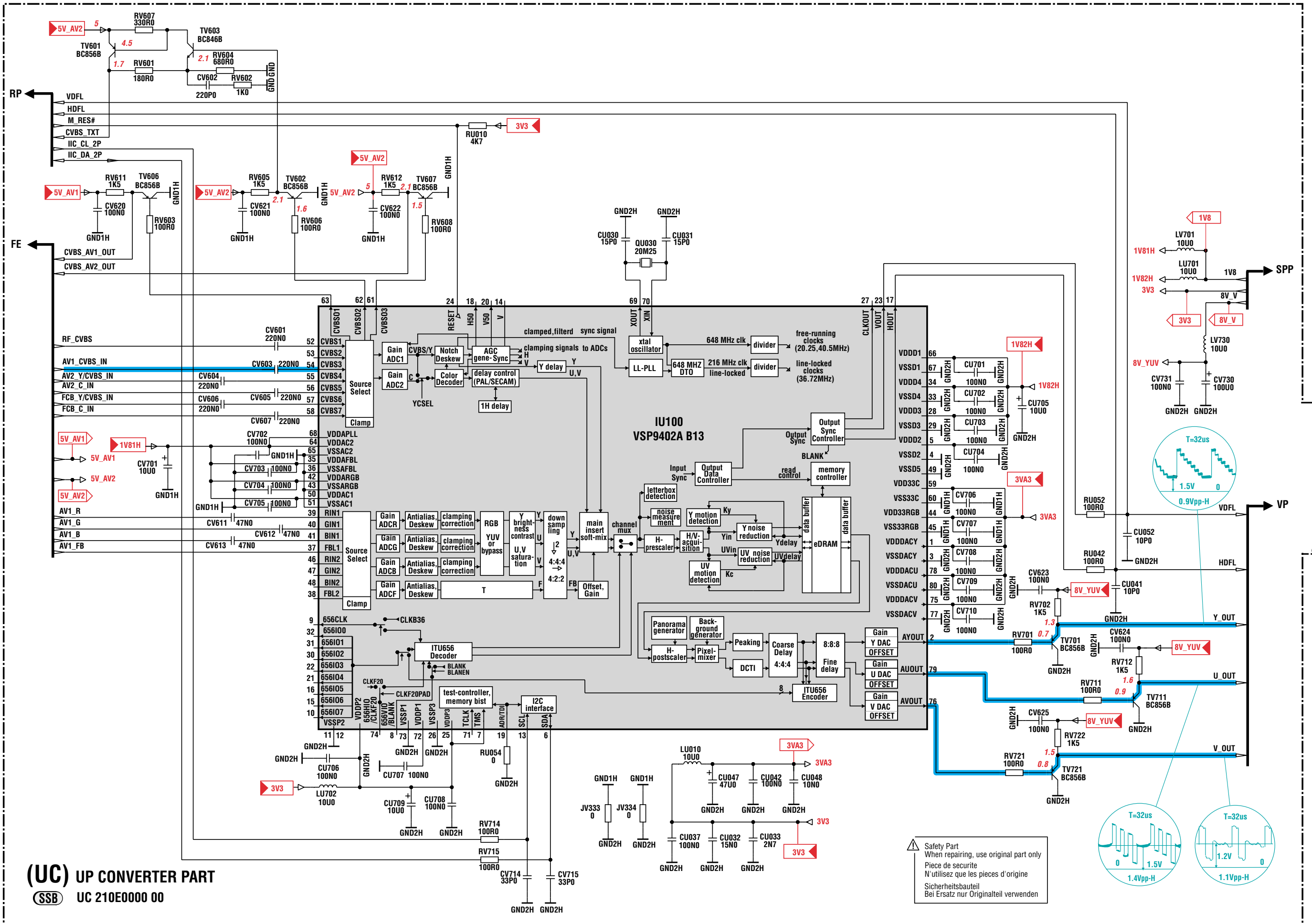


**SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
FRONTEND PART - PARTIE SIGNAUX D'ENTREE - EINGANGSSTUFEN - PRESE FRONTALI - FRONT END PART**

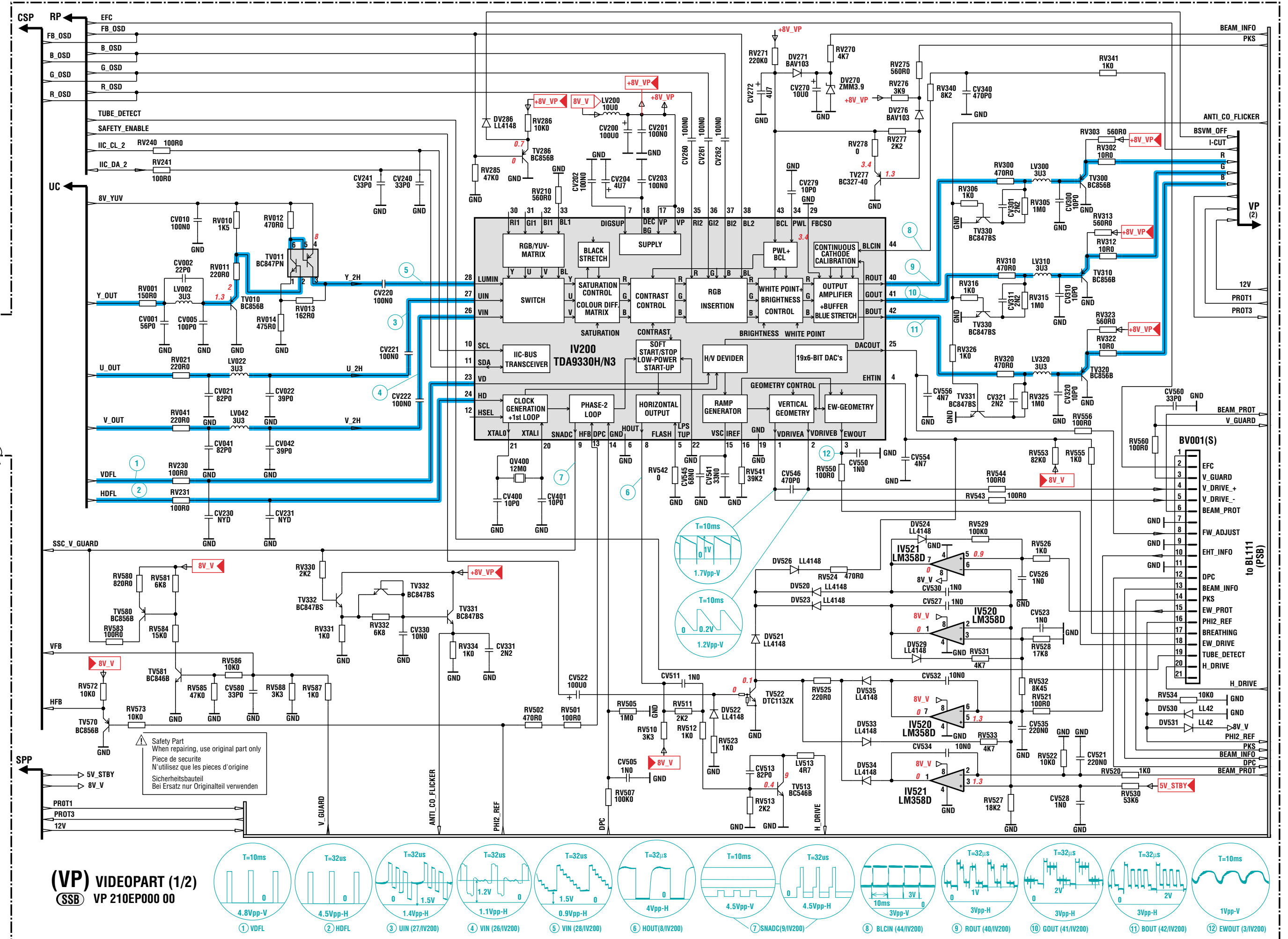


(FE) FRONTEND
(SSB) FE 210EP000 00

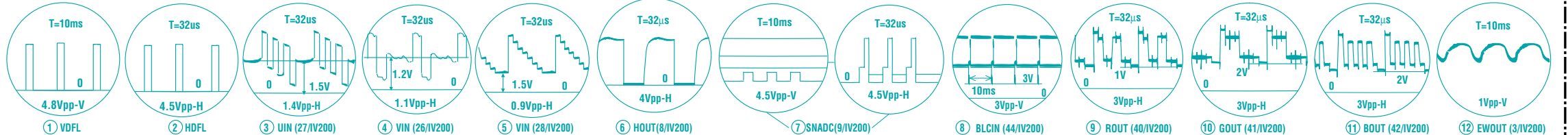
SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 UP CONVERTER PART - PARTIE CONVERSION - UP CONVERTER STUFEN - CIRCUITO UP CONVERTER - SUPRACONVERSOR



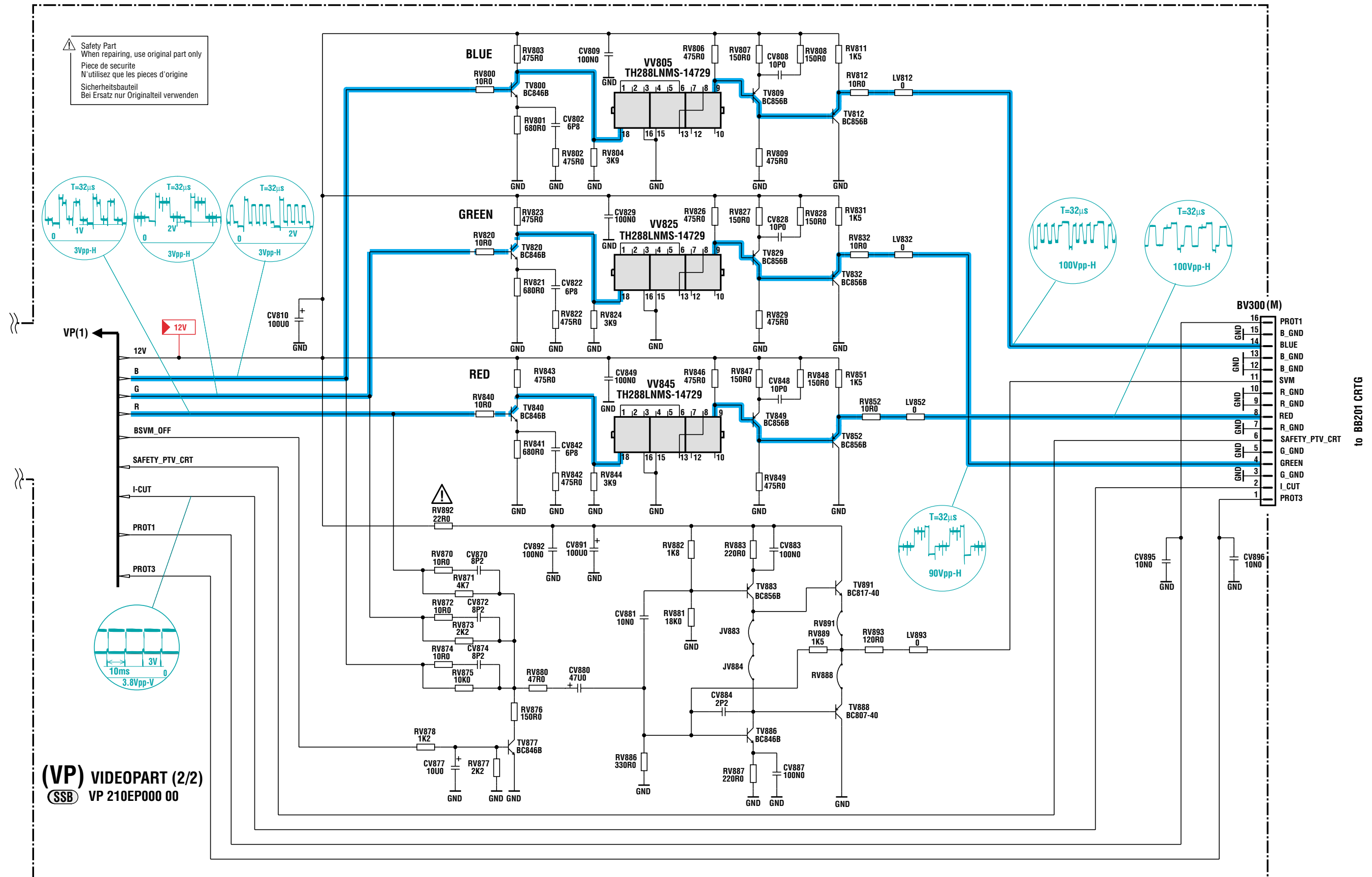
SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 VIDEO PART (1/2) - PARTIE VIDEO (1/2) - VIDEO-SIGNALVERARBEITUNG (1/2) - ELABORAZIONE VIDEO (1/2) - TRATAMIENTO VIDEO (1/2)



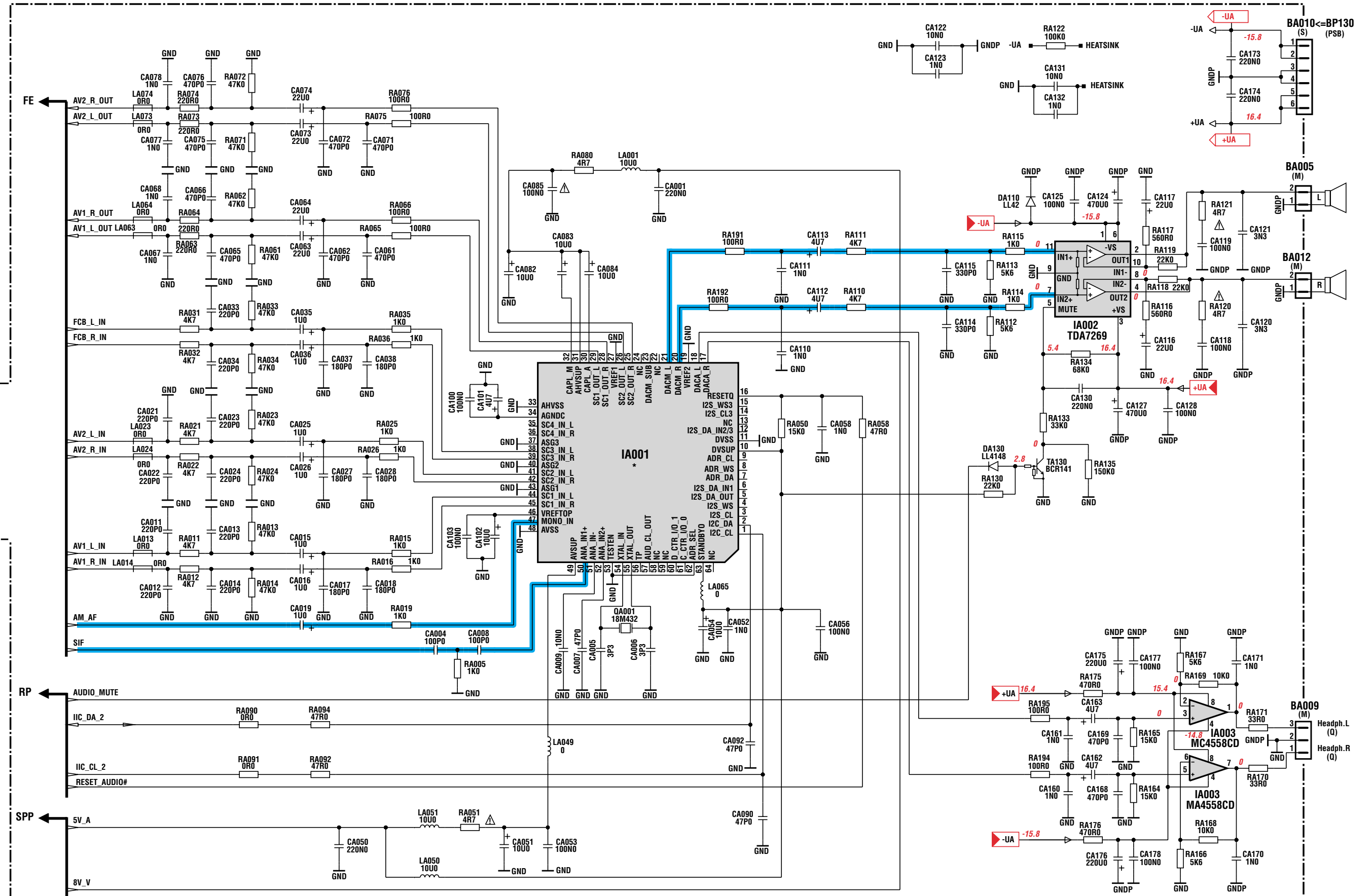
(VP) VIDEOPART (1/2)
 (SSB) VP 210EP000 00



**SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
VIDEO PART (2/2) - PARTIE VIDEO (2/2) - VIDEO-SIGNALVERARBEITUNG (2/2) - ELABORAZIONE VIDEO (2/2) - TRATAMIENTO VIDEO (2/2)**



SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 AUDIO PART - PARTIE AUDIO - AUDIOSTUFEN - CIRCUITO AUDIO - AUDIO

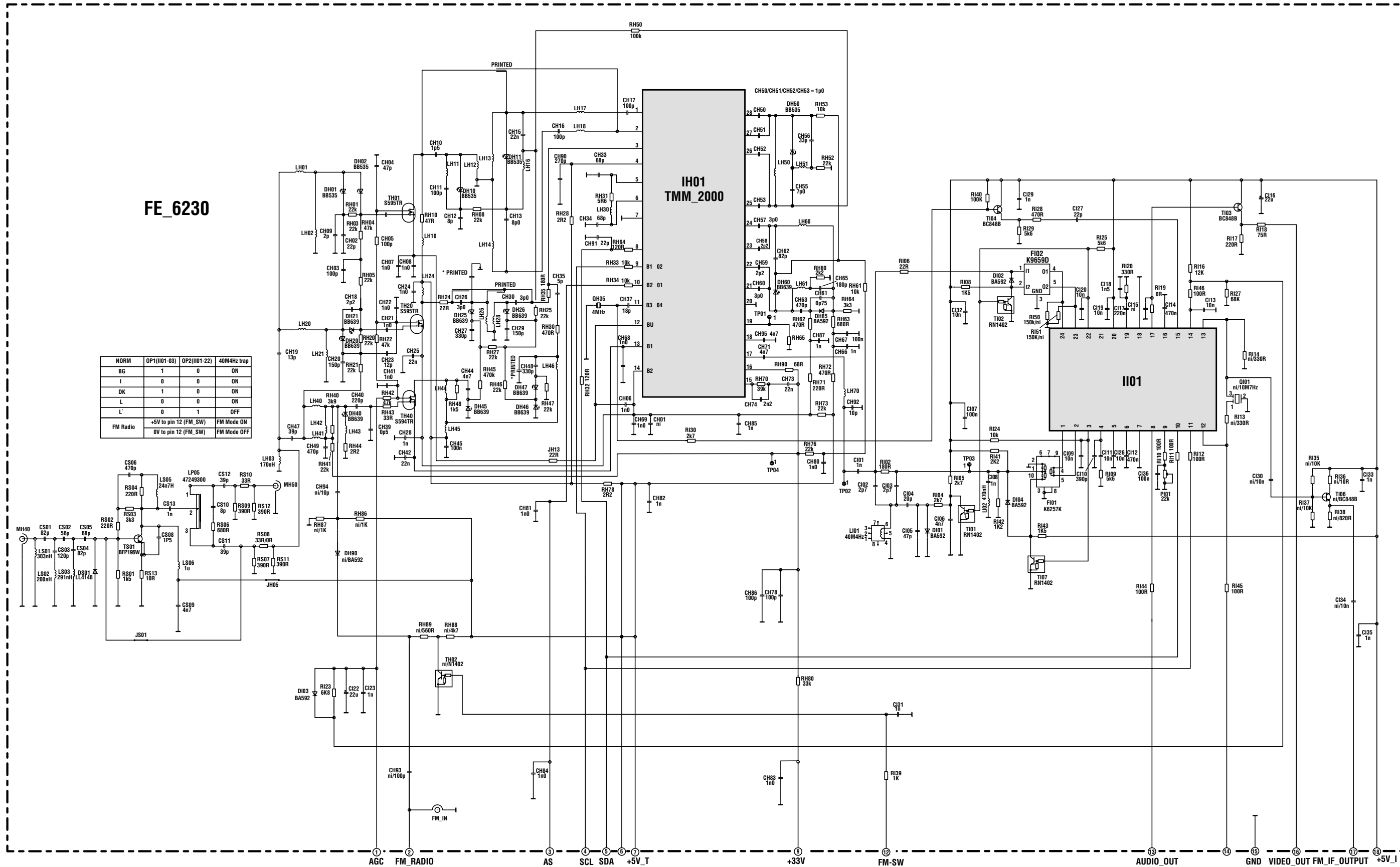


(AP) AUDIO PART
(SSB) AP 210E0000 00
AP 210E0001 00

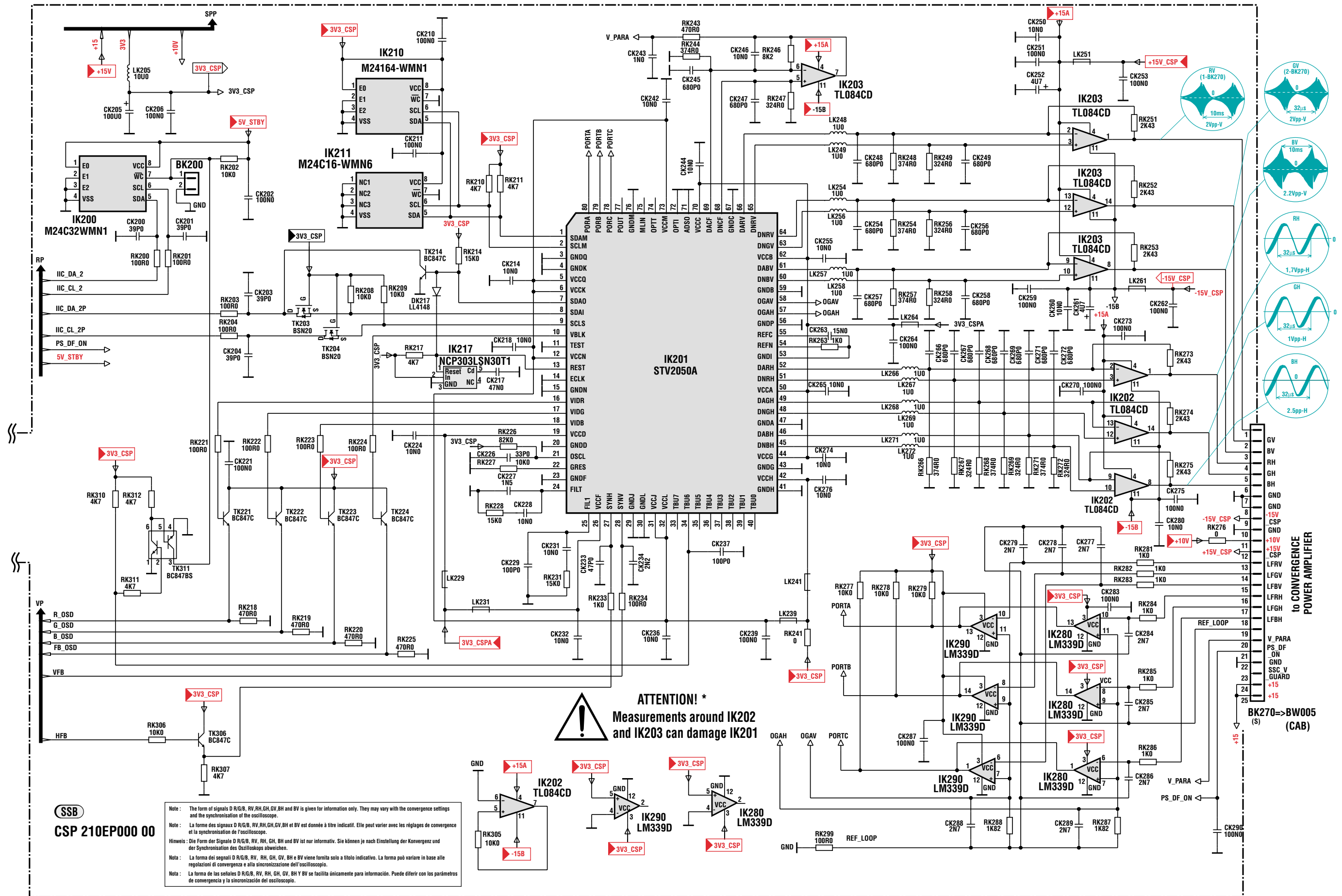
Safety Part
 When repairing, use original part only
 Pièce de sécurité
 N'utilisez que les pièces d'origine
 Sicherheitsbauteil
 Bei Ersatz nur Originalteil verwenden

* Reference	TOCOM	IA001
AP 210E0000 00 Stereo/Nicam 2X10W rms Virtual Dolby	10784540	MSP3411G-QI-B8-V3
AP 210E0001 00 Stereo/Nicam 2X10W rms	10800990	MSP3410G-QI-B8-V3

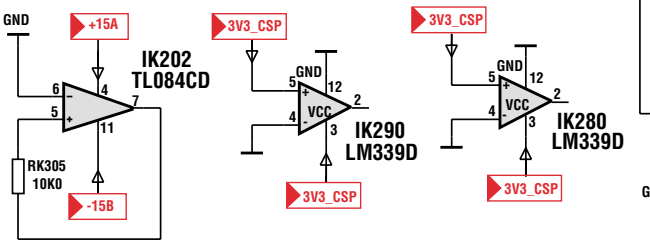
VHF / UHF TUNER FE6230 (For information only)



SMALL SIGNAL BOARD - PLATINE PETITS SIGNAUX - SIGNAL-PLATINE - PIASTRA PICCOLI SEGNALI - PLACA PEQUEÑA SEÑAL
 CONVERGENCE SIGNAL PART - SIGNAUX DE CONVERGENCES - KONVERGENZ-SIGNAL-TEIL - PARTE DEL SEGNALE DI CONVERGENZA -PIEZA DE LA SEÑAL DE LA CONVERGENCIA



ATTENTION! *
 Measurements around IK202 and IK203 can damage IK201



SSB
 CSP 210EP000 00

Note: The form of signals D R/G/B, RV, RH, GH, GV, BH and BV is given for information only. They may vary with the convergence settings and the synchronisation of the oscilloscope.
 Note: La forme des signaux D R/G/B, RV, RH, GH, GV, BH et BV est donnée à titre indicatif. Elle peut varier avec les réglages de convergence et la synchronisation de l'oscilloscope.
 Hinweis: Die Form der Signale D R/G/B, RV, RH, GH, GV, BH und BV ist nur informativ. Sie können je nach Einstellung der Konvergenz und der Synchronisation des Oszilloskops abweichen.
 Nota: La forma dei segnali D R/G/B, RV, RH, GH, GV, BH e BV viene fornita solo a titolo indicativo. La forma può variare in base alle regolazioni di convergenza e alla sincronizzazione dell'oscilloscopio.
 Nota: La forma de las señales D R/G/B, RV, RH, GH, GV, BH y BV se facilita únicamente para información. Puede diferir con los parámetros de convergencia y la sincronización del osciloscopio.

*** ATTENTION!**

Care must be taken to avoid short circuits when carrying out measurements around IK02 and IK03. If this happens then IK01 will be damaged, after replacement a complete re-alignment of the set will be necessary. Therefore, when carrying out convergence drive signal checks and measurements please use the relevant pins at PCB connector BK04.
 Prendre grand soin lors de mesures sur les points de IK02 et IK03 à ne pas créer de court-circuit. Si cela arrive IK01 sera détérioré et un alignement complet de l'appareil est nécessaire. Pour éviter cela effectuer les mesures et contrôles des signaux des drivers aux points du connecteur BK04 de la platine CSB.

Messungen um IK02 und IK03 müssen mit besonderer Vorsicht vorgenommen werden, da bei eventuellen Kurzschlüssen IK01 beschädigt werden kann. Nach einem Austausch von IK01 ist ein vollständiger Abgleich des Gerätes notwendig. Deshalb sollten zum Überprüfen der Konvergenz-Treibersignale Messungen an den entsprechenden Pins des Verbinders BK04 durchgeführt werden.
 Prestare molta attenzione in modo da evitare corto circuiti quando vengono effettuate misure sui circuiti integrati IK02 e IK03. Se ciò dovesse capitare verrebbe danneggiato IK01, nel caso di sostituzione di tale componente diventa necessario effettuare un completo allineamento. Per cui quando si devono controllare i segnali di pilotaggio di convergenza utilizzare i relativi piedini del connettore BK04.

Debe tener cuidado de no provocar cortocircuitos cuando se efectúan mediciones alrededor de IK02 e IK03. Si ocurren, IK01 se dañará o destruirá. Después de la sustitución es necesario hacer un reajuste completo. Por lo tanto, cuando haya que comprobar o medir en las señales de convergencias, utilizar siempre las patillas correspondientes del conector BK04.