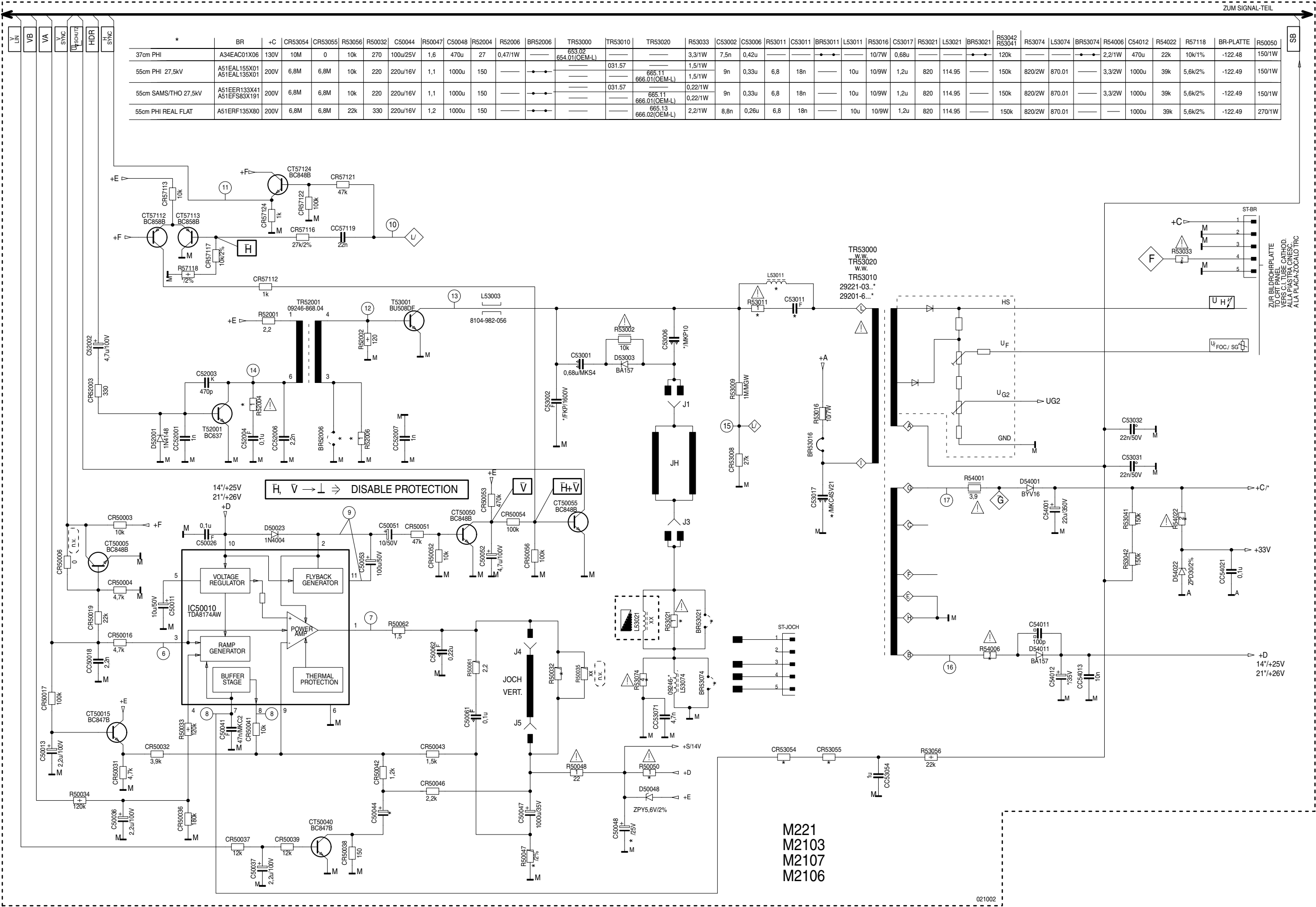
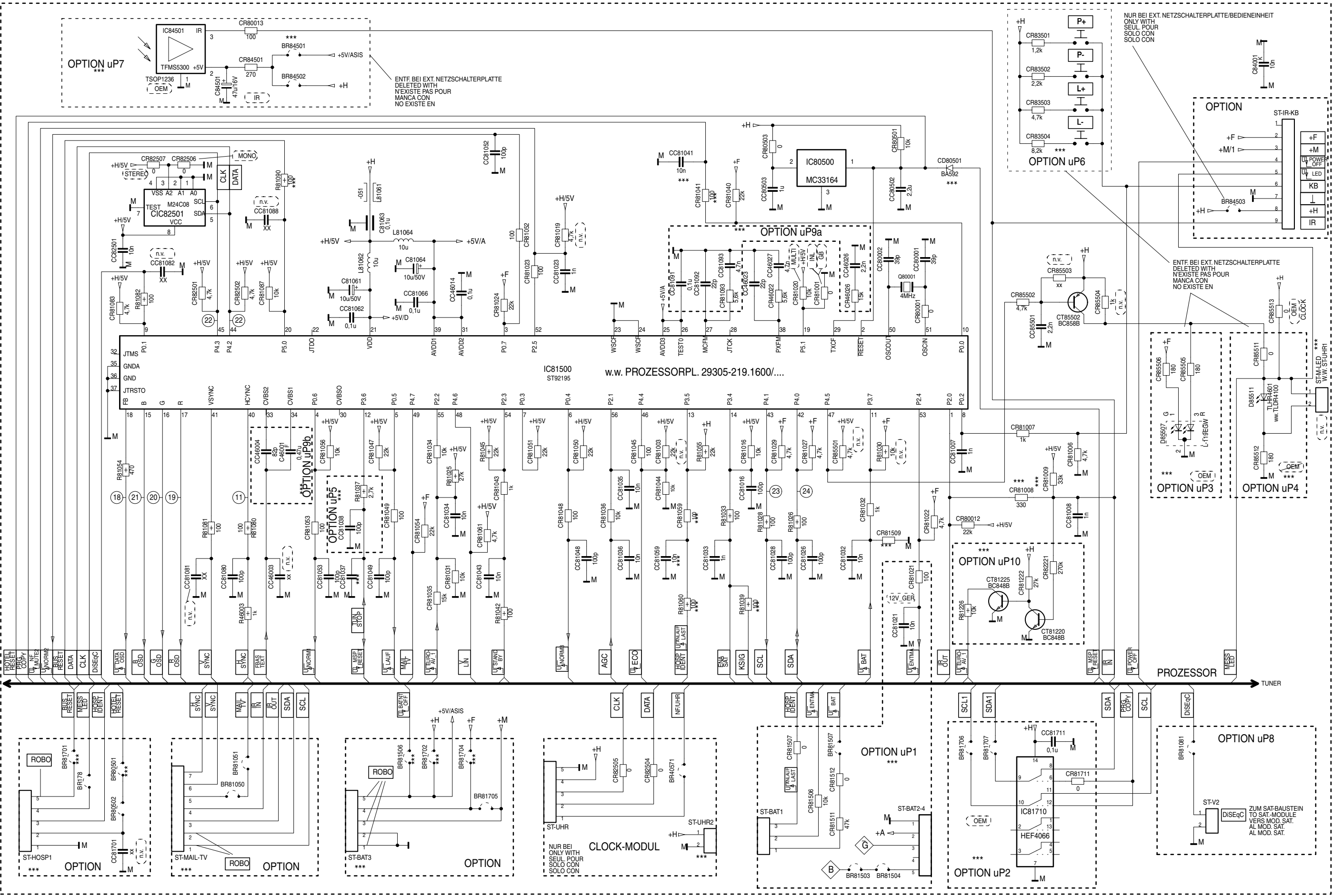


The schematic diagram illustrates the power supply section of a Philips CD player. It begins with a transformer (BR2500) providing AC input to a bridge rectifier (BR2501, BR2502, BR2503, BR2504). The rectified output is filtered by a large electrolytic capacitor (C60528, 1500µF/385V). The main power regulation is handled by the TDA16846-2 IC, which includes a PFC (Power Factor Correction) section, an ON-TIME COMPERATOR, an OFF-TIME COMPERATOR, a LOGIK section, and a SYNC section. The output of the TDA16846-2 is connected to a series of voltage regulators and filters. These include a +M/+14V regulator (IC61040, LM317T), a +E/+8V regulator (IC61040, LM317T), a +F/+5V regulator (IC61050, LM317T), and a +H/+5V regulator (IC61060, MC7805). The diagram also shows various other components such as resistors (R60501, R60502, R60503, R60504, R60505, R60506, R60507, R60508, R60509, R60510, R60511, R60512, R60513, R60514, R60515, R60516, R60517, R60518, R60519, R60520, R60521, R60522, R60523, R60524, R60525, R60526, R60527, R60528, R60529, R60530, R60531, R60532, R60533, R60534, R60535, R60536, R60537, R60538, R60539, R60540, R60541, R60542, R60543, R60544, R60545, R60546, R60547, R60548, R60549, R60550, R60551, R60552, R60553, R60554, R60555, R60556, R60557, R60558, R60559, R60560, R60561, R60562, R60563, R60564, R60565, R60566, R60567, R60568, R60569, R60570, R60571, R60572, R60573, R60574, R60575, R60576, R60577, R60578, R60579, R60580, R60581, R60582, R60583, R60584, R60585, R60586, R60587, R60588, R60589, R60590, R60591, R60592, R60593, R60594, R60595, R60596, R60597, R60598, R60599, R60600, R60601, R60602, R60603, R60604, R60605, R60606, R60607, R60608, R60609, R60610, R60611, R60612, R60613, R60614, R60615, R60616, R60617, R60618, R60619, R60620, R60621, R60622, R60623, R60624, R60625, R60626, R60627, R60628, R60629, R60630, R60631, R60632, R60633, R60634, R60635, R60636, R60637, R60638, R60639, R60640, R60641, R60642, R60643, R60644, R60645, R60646, R60647, R60648, R60649, R60650, R60651, R60652, R60653, R60654, R60655, R60656, R60657, R60658, R60659, R60660, R60661, R60662, R60663, R60664, R60665, R60666, R60667, R60668, R60669, R60670, R60671, R60672, R60673, R60674, R60675, R60676, R60677, R60678, R60679, R60680, R60681, R60682, R60683, R60684, R60685, R60686, R60687, R60688, R60689, R60690, R60691, R60692, R60693, R60694, R60695, R60696, R60697, R60698, R60699, R60700, R60701, R60702, R60703, R60704, R60705, R60706, R60707, R60708, R60709, R60710, R60711, R60712, R60713, R60714, R60715, R60716, R60717, R60718, R60719, R60720, R60721, R60722, R60723, R60724, R60725, R60726, R60727, R60728, R60729, R60730, R60731, R60732, R60733, R60734, R60735, R60736, R60737, R60738, R60739, R60740, R60741, R60742, R60743, R60744, R60745, R60746, R60747, R60748, R60749, R60750, R60751, R60752, R60753, R60754, R60755, R60756, R60757, R60758, R60759, R60760, R60761, R60762, R60763, R60764, R60765, R60766, R60767, R60768, R60769, R60770, R60771, R60772, R60773, R60774, R60775, R60776, R60777, R60778, R60779, R60780, R60781, R60782, R60783, R60784, R60785, R60786, R60787, R60788, R60789, R60790, R60791, R60792, R60793, R60794, R60795, R60796, R60797, R60798, R60799, R60800, R60801, R60802, R60803, R60804, R60805, R60806, R60807, R60808, R60809, R60810, R60811, R60812, R60813, R60814, R60815, R60816, R60817, R60818, R60819, R60820, R60821, R60822, R60823, R60824, R60825, R60826, R60827, R60828, R60829, R60830, R60831, R60832, R60833, R60834, R60835, R60836, R60837, R60838, R60839, R60840, R60841, R60842, R60843, R60844, R60845, R60846, R60847, R60848, R60849, R60850, R60851, R60852, R60853, R60854, R60855, R60856, R60857, R60858, R60859, R60860, R60861, R60862, R60863, R60864, R60865, R60866, R60867, R60868, R60869, R60870, R60871, R60872, R60873, R60874, R60875, R60876, R60877, R60878, R60879, R60880, R60881, R60882, R60883, R60884, R60885, R60886, R60887, R60888, R60889, R60890, R60891, R60892, R60893, R60894, R60895, R60896, R60897, R60898, R60899, R60900, R60901, R60902, R60903, R60904, R60905, R60906, R60907, R60908, R60909, R60910, R60911, R60912, R60913, R60914, R60915, R60916, R60917, R60918, R60919, R60920, R60921, R60922, R60923, R60924, R60925, R60926, R60927, R60928, R60929, R60930, R60931, R60932, R60933, R60934, R60935, R60936, R60937, R60938, R60939, R60940, R60941, R60942, R60943, R60944, R60945, R60946, R60947, R60948, R60949, R60950, R60951, R60952, R60953, R60954, R60955, R60956, R60957, R60958, R60959, R60960, R60961, R60962, R60963, R60964, R60965, R60966, R60967, R60968, R60969, R60970, R60971, R60972, R60973, R60974, R60975, R60976, R60977, R60978, R60979, R60980, R60981, R60982, R60983, R60984, R60985, R60986, R60987, R60988, R60989, R60990, R60991, R60992, R60993, R60994, R60995, R60996, R60997, R60998, R60999, R61000, R61001, R61002, R61003, R61004, R61005, R61006, R61007, R61008, R61009, R61010, R61011, R61012, R61013, R61014, R61015, R61016, R61017, R61018, R61019, R61020, R61021, R61022, R61023, R61024, R61025, R61026, R61027, R61028, R61029, R61030, R61031, R61032, R61033, R6

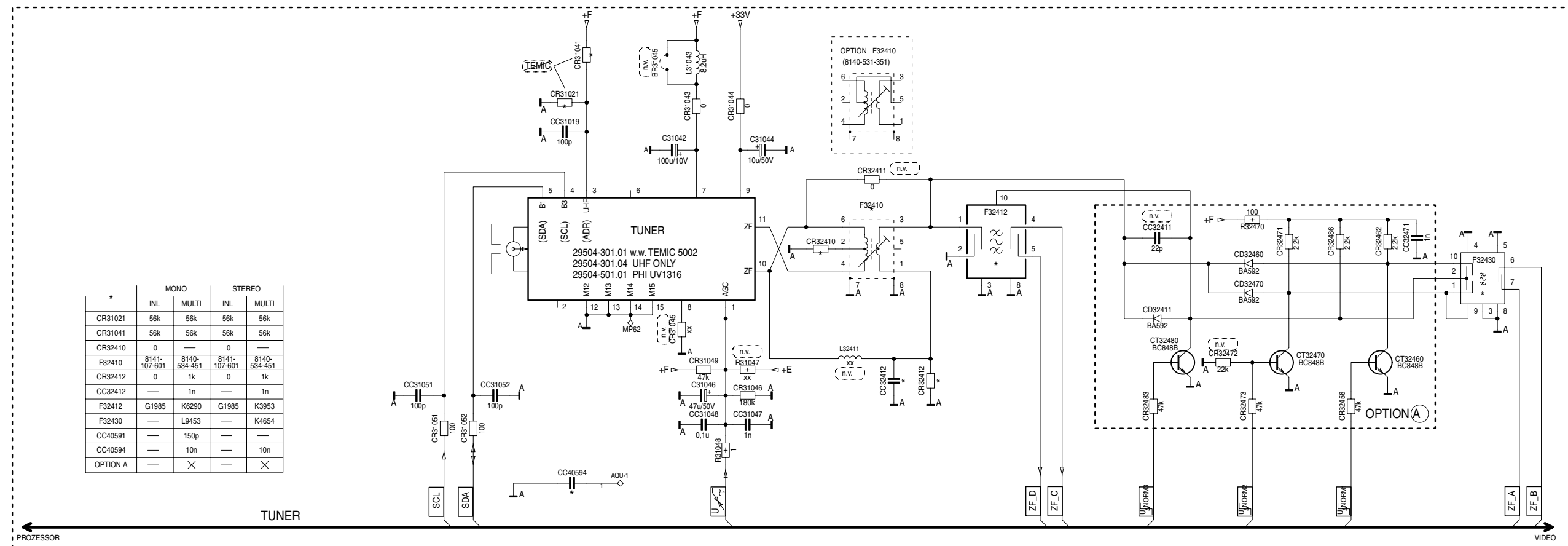
Teilschaltplan Ablenkung / Circuit Diagram Deflection Section



Teilschaltplan Prozessor / Circuit Diagram Processor Section



Teilschaltplan Tuner / Circuit Diagram Tuner Section

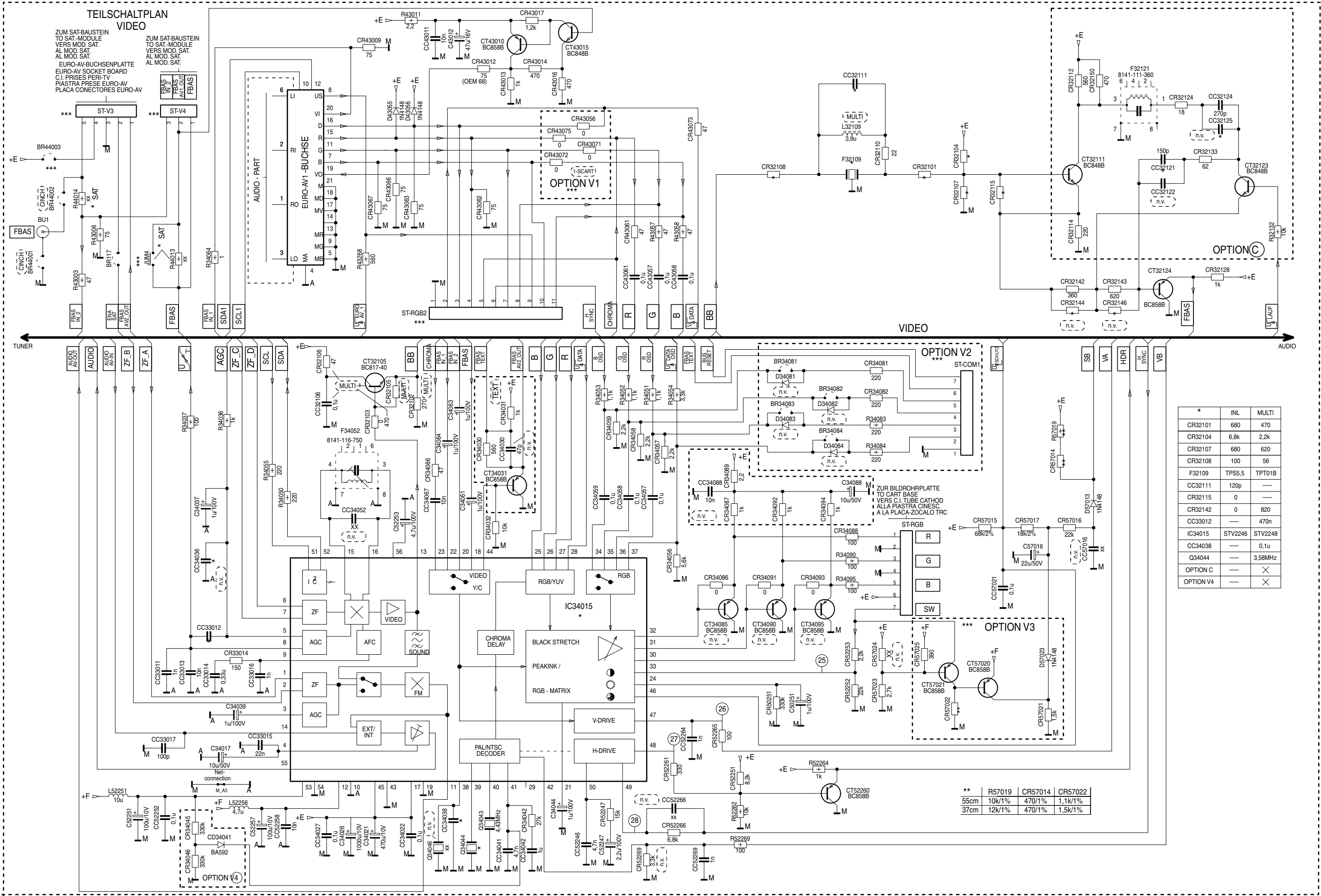


AUSFUEHRUNG	m. TEXT MONO	m. TEXT STEREO	m. TEXT FM	m. TEXT TM	m. TEXT HOSP.

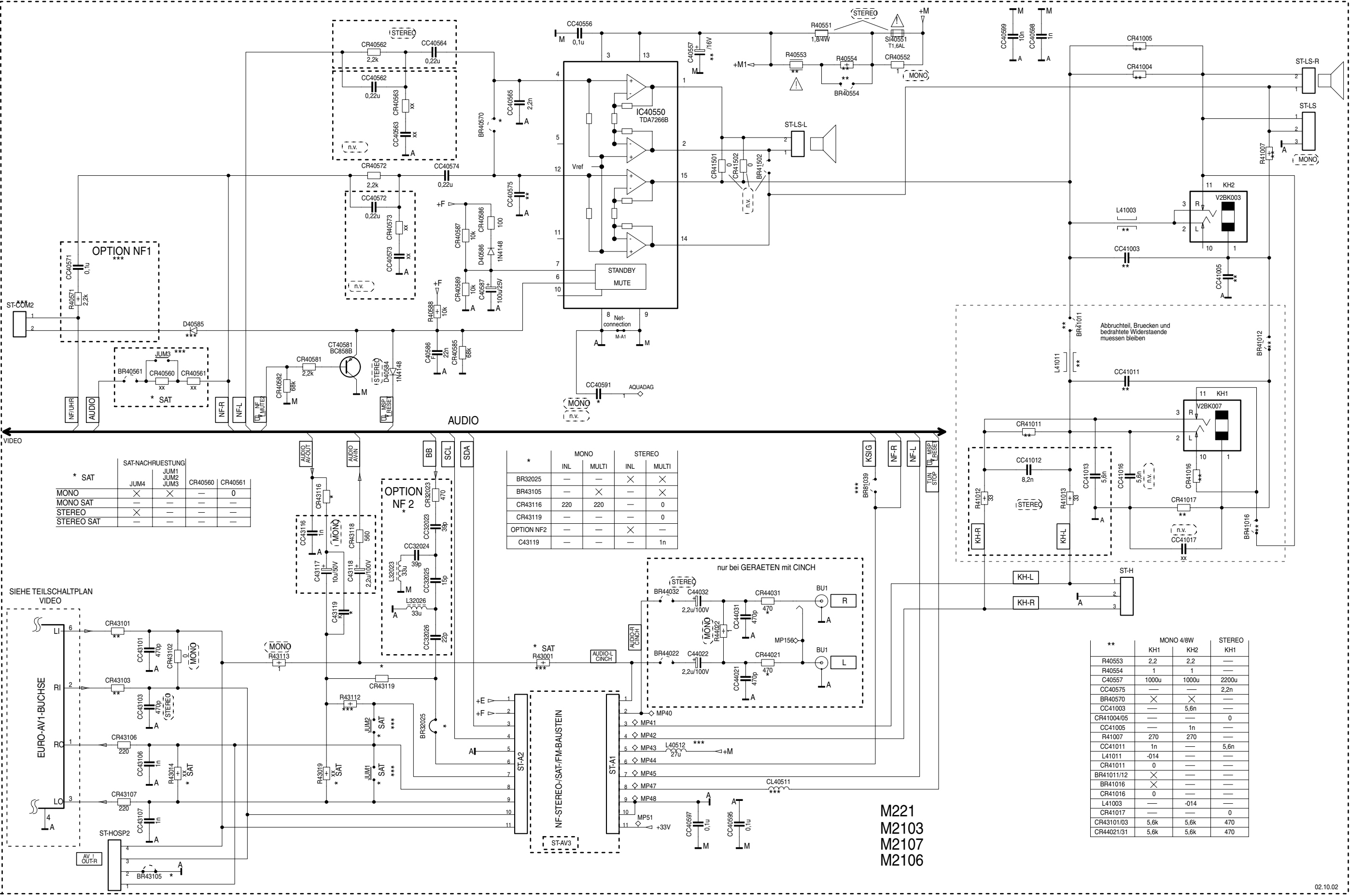
SAT moeglich	X	X	—	—	—
OPTION uP1	—	—	—	—	—
OPTION uP2/uP3	X	X	X	X	X
OPTION uP4	—	—	—	—	X
OPTION uP5	X	X	X	X	X
OPTION uP6	—	—	—	—	—
OPTION uP7	X	X	X	X	X
OPTION V1	X	X	X	—	—
OPTION V2	—	—	—	—	—
OPTION uP9a/uP9b/uP10/V3	X	X	X	X	X
OPTION NF1	—	—	—	X	—
CR31041	56k	56k	—	56k	56k
CL40511	X	X	X	—	—
L40512	X	X	X	—	—
D40585	—	—	—	—	—
ST-BAT3	—	—	—	X	X
R43001/R43112	—	—	—	—	—
BR44003	X	—	—	X	X
R44013	—	—	X	X	X
BR80501/502	—	—	—	X	X
CD80501	X	X	—	—	—
CR81008	X	X	X	—	—
CR81009	—	—	—	X	X
CC81037	—	—	10n	—	—
R81038/BR81039	—	—	X	—	—
CR81041/CC81041	X	X	X	X	X
CR81059/CC81059/R81060	—	—	—	X	X
R81090	—	—	—	X	X
BR81506	—	—	—	—	—
CR81509	0	0	0	0	0
BR81701	—	—	—	X	X
BR81702	X	X	X	X	X
BR81704	—	—	—	—	X
BR81705/BR84501	—	—	—	—	—
BR84501	—	—	—	—	—
BR84502	X	X	X	X	X
ST-M-LED	—	—	—	—	X
ST-HOSP1/ST-HOSP2	—	—	—	X	X
ST-MAIL-TV	—	—	—	X	X
OPTION uP8/ST-V3	X	X	—	X	X
ST-V4	X	X	—	—	—
ST-RGB2	—	—	—	X	X
ST-COM1	—	—	—	—	—
ST-COM2	—	—	—	—	X
ST-A1/ST-A2	X	X	X	—	—
ST-UHR	—	—	—	X	X
ST-UHR2	—	—	—	X	—
JUM1/2/3/4	X	X	—	—	—

mögliche COLOR - NORMEN		Q34043	Q34044	Q34046	CC34038	CR52269
PAL4.43/NTSC4.43		4.4336MHz	—	—	—	—
PAL4.43/NTSC4.43/SECAM		4.4336MHz	—	—	0,1u	—
PAL4.43/NTSC4.43/NTSC3.58		4.4336MHz	3.5795MHz	—	—	—
PAL4.43/NTSC4.43/NTSC3.58/SECAM		4.4336MHz	3.5795MHz	—	0,1u	—
NTSC3.58/PAL M/PAL N (SOUTH AMERICA)		3.5795MHz	3.5756MHz	3.5820MHz	—	3,3k

Teilschaltplan Video / Circuit Diagram Video Section



Teilschaltplan Audio / Circuit Diagram Audio Section



Bildrohrplatte / CRT Panel

