



COLOR TELEVISION RECEIVER

Chassis : S15A
Model: CK1438VR5X/VWT CK2073XR5X/VWT
CK1448VR5X/BWT CK2173VR5X/BWT
CK2085VR5X/BWT CK20E3VR5X/NWT
CK2185VR5S/AWT

SERVICE Manual

COLOR TELEVISION RECEIVER



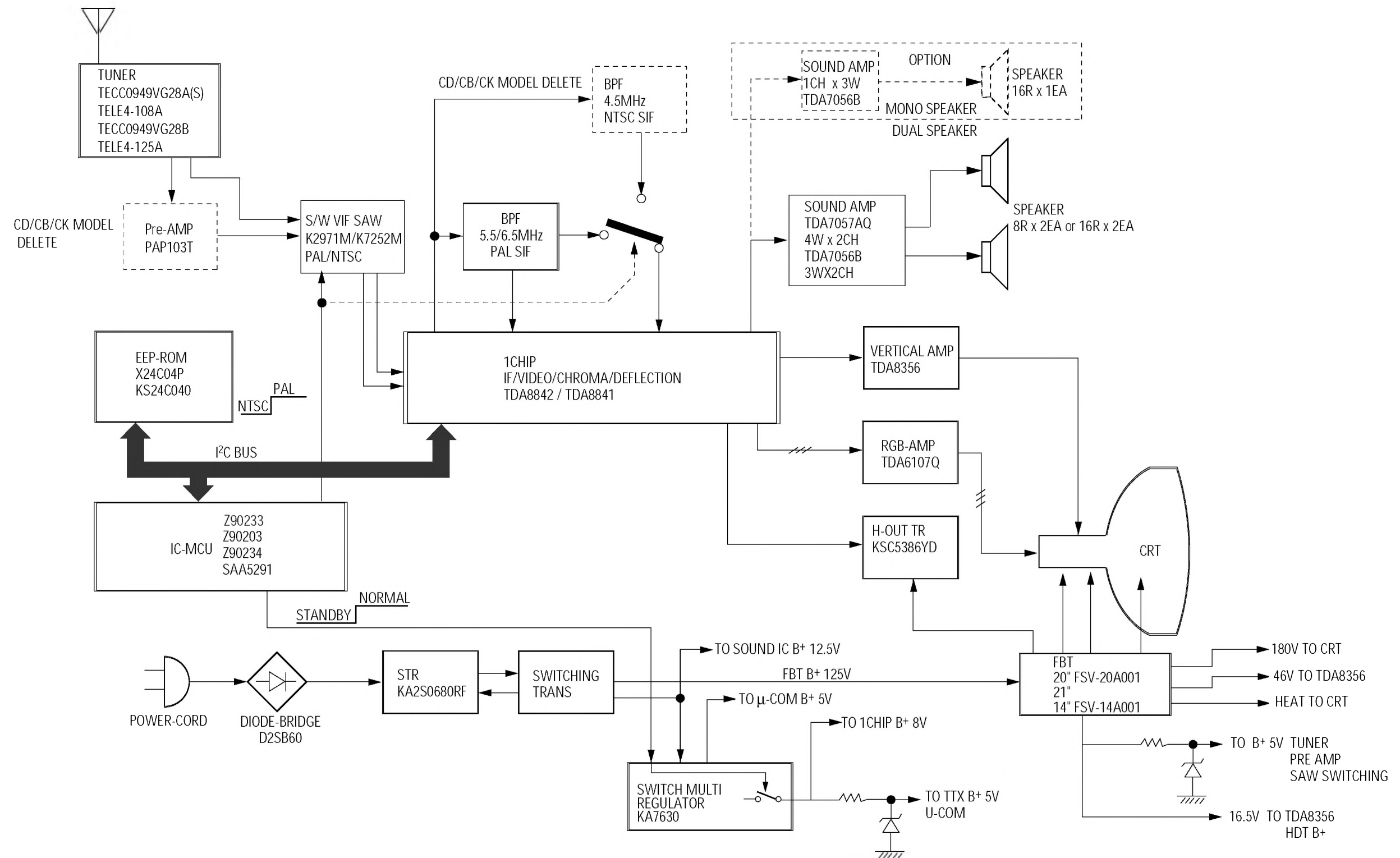
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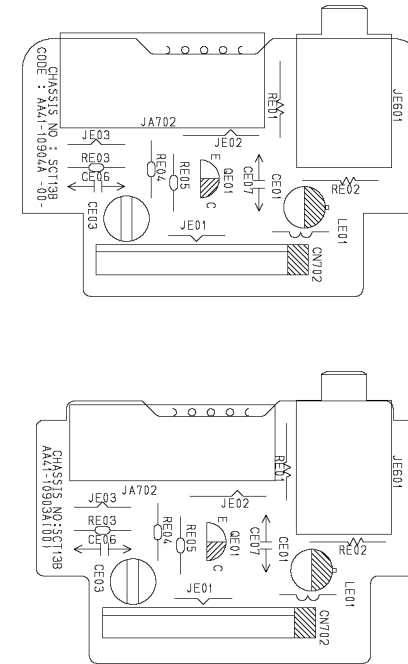
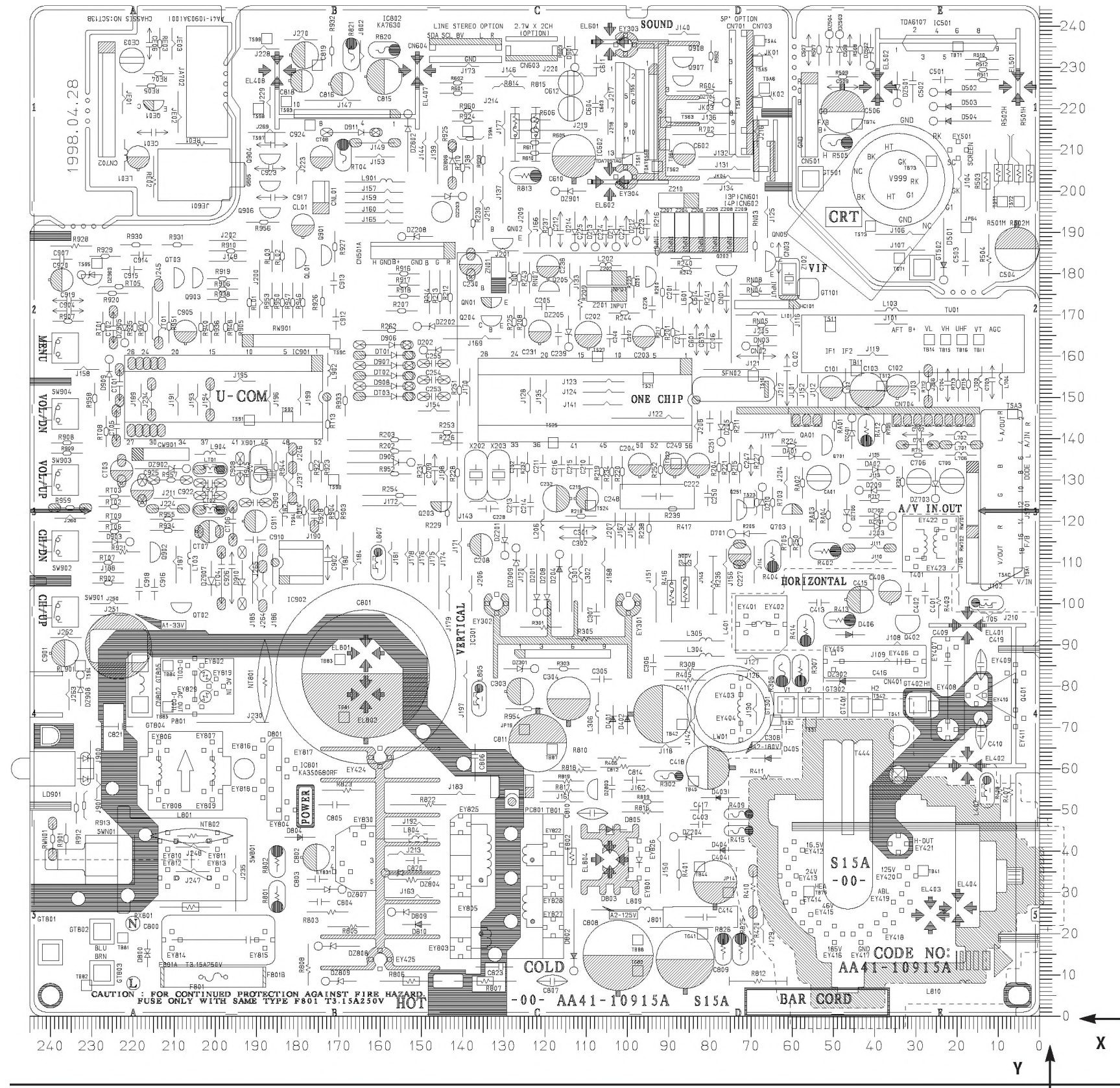
8. Block Diagram

8-1 S15A



10. PCB Layout

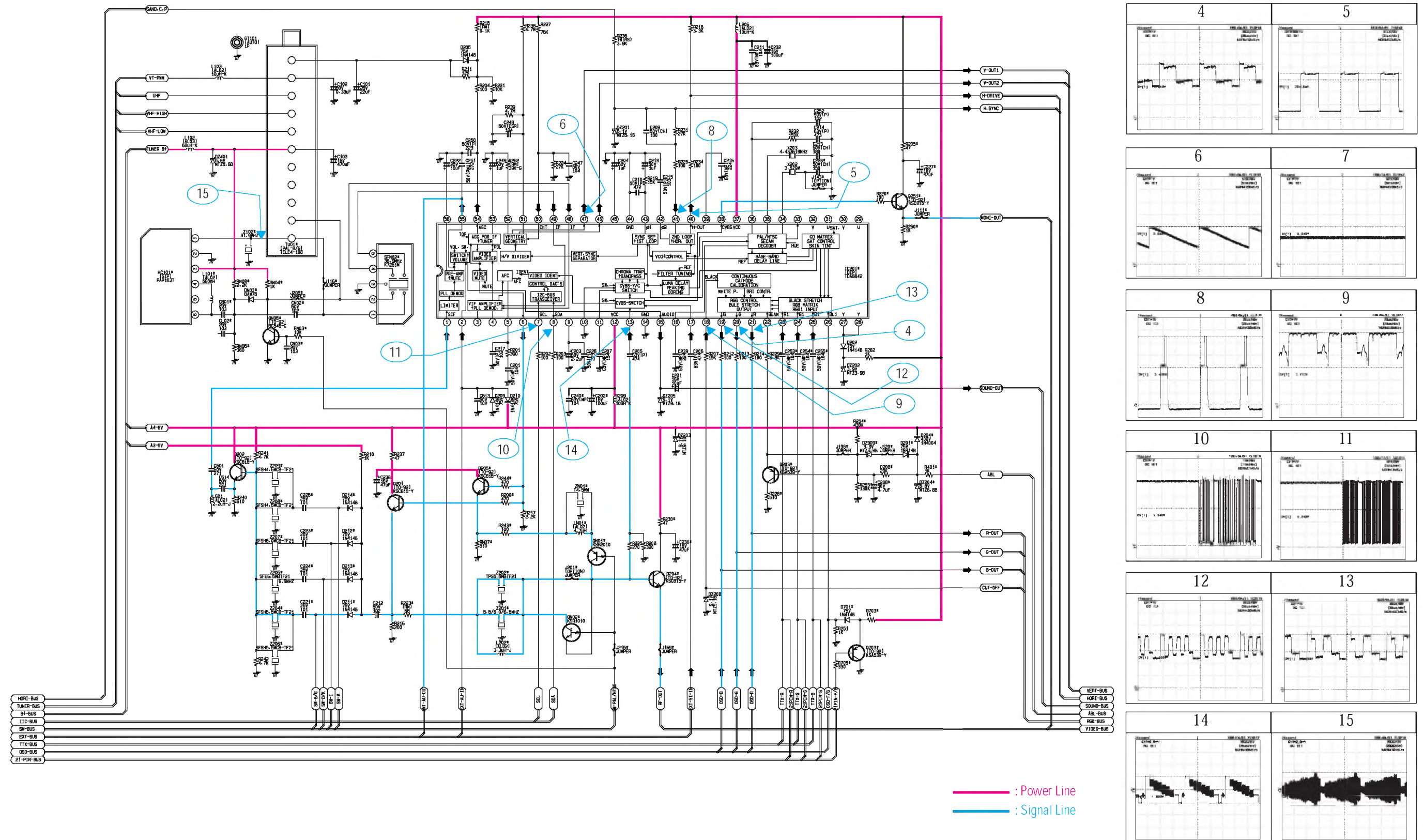
10-1 PCB Main



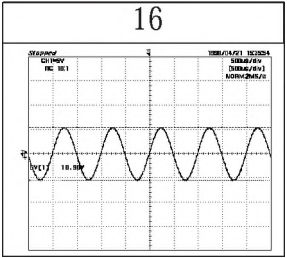
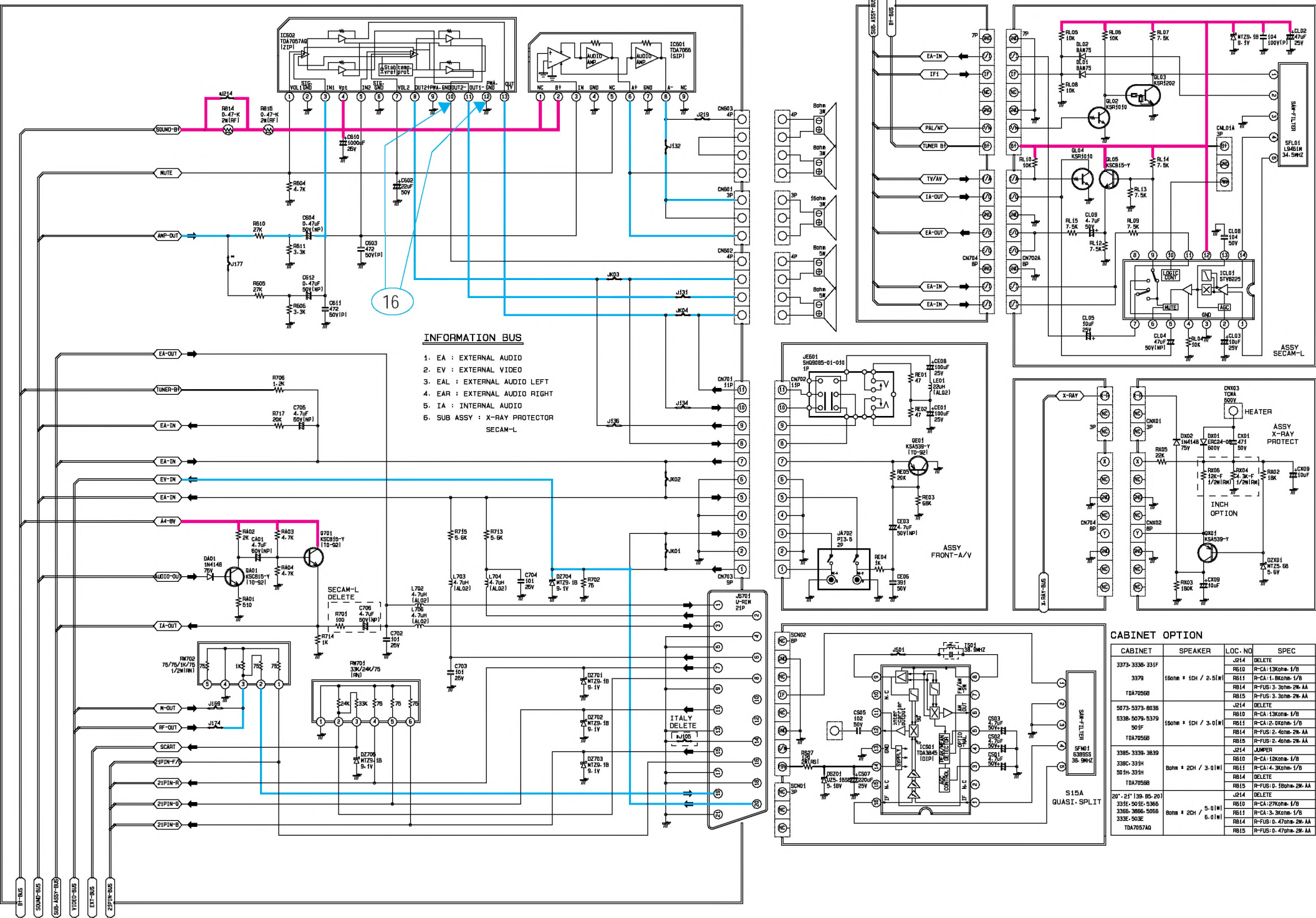
Loc. No.	X	Y	Loc. No.	X	Y
DIODE			DZ705	46	118
D201	122	98	DZ802	153	218
D202	149	161	DZ803	107	57
D204	116	112	DZ804	158	34
D205	77	139	DZ806	142	211
D208	119	98	DZ807	169	30
D209	43	127	DZ808	175	17
D210	67	128	DZ809	173	8
D211	102	186	DZ901	117	200
D212	97	188	DZ902	207	132
D213	107	186	DZ903	232	179
D214	112	186	DZ905	222	163
D401	103	78	DZ907	201	100
D402	100	78	DZ908	232	82
D403	84	53	DZ909	127	113
D404	83	40	IC		
D405	72	62	HC101	59	172
D406	39	92	IC201	86	141
D501	23	178	IC301	99	100
D502	25	224	IC501	39	225
D503	25	220	IC602	100	235
D504	25	217	IC801	160	13
D701	74	117	IC802	151	229
D800	216	19	IC901	175	142
D801	188	65	IC902	183	114
D802	113	11	TRANSISTOR		
D803	104	38	Q201	95	176
D805	97	45	Q202	78	182
D809	157	25	Q203	147	124
D810	157	22	Q204	135	169
D901	112	230	Q205	116	175
D903	220	115	Q251	73	120
D905	152	134	Q401	17	94
D906	153	162	Q402	34	95
D907	153	157	Q701	48	129
D908	153	152	Q703	57	121
D909	225	159	Q901	174	182
D910	193	100	Q902	215	110
D911	161	214	Q903	205	176
DA01	56	135	Q904	189	209
DA02	36	132	Q905	189	202
DN03	71	162	Q906	189	196
DT01	153	160	Q907	89	228
DT02	153	155	Q908	89	232
DT03	153	150	QA01	52	136
DZ201	129	111	QE01	217	222
DZ202	151	167	QL01	180	181
DZ203	140	198	QN01	135	174
DZ204	88	43	QN02	132	188
DZ205	114	162	QN05	66	180
DZ208	154	189	QT02	210	100
DZ301	122	84	QT03	210	176
DZ302	54	81			
DZ401	45	145			
DZ501	34	221			
DZ502	41	230			
DZ503	48	238			
DZ504	51	238			
DZ701	35	118			
DZ702	35	121			
DZ703	25	125			
DZ704	76	221			

11. Schematic Diagrams

11-1 ONECHIP



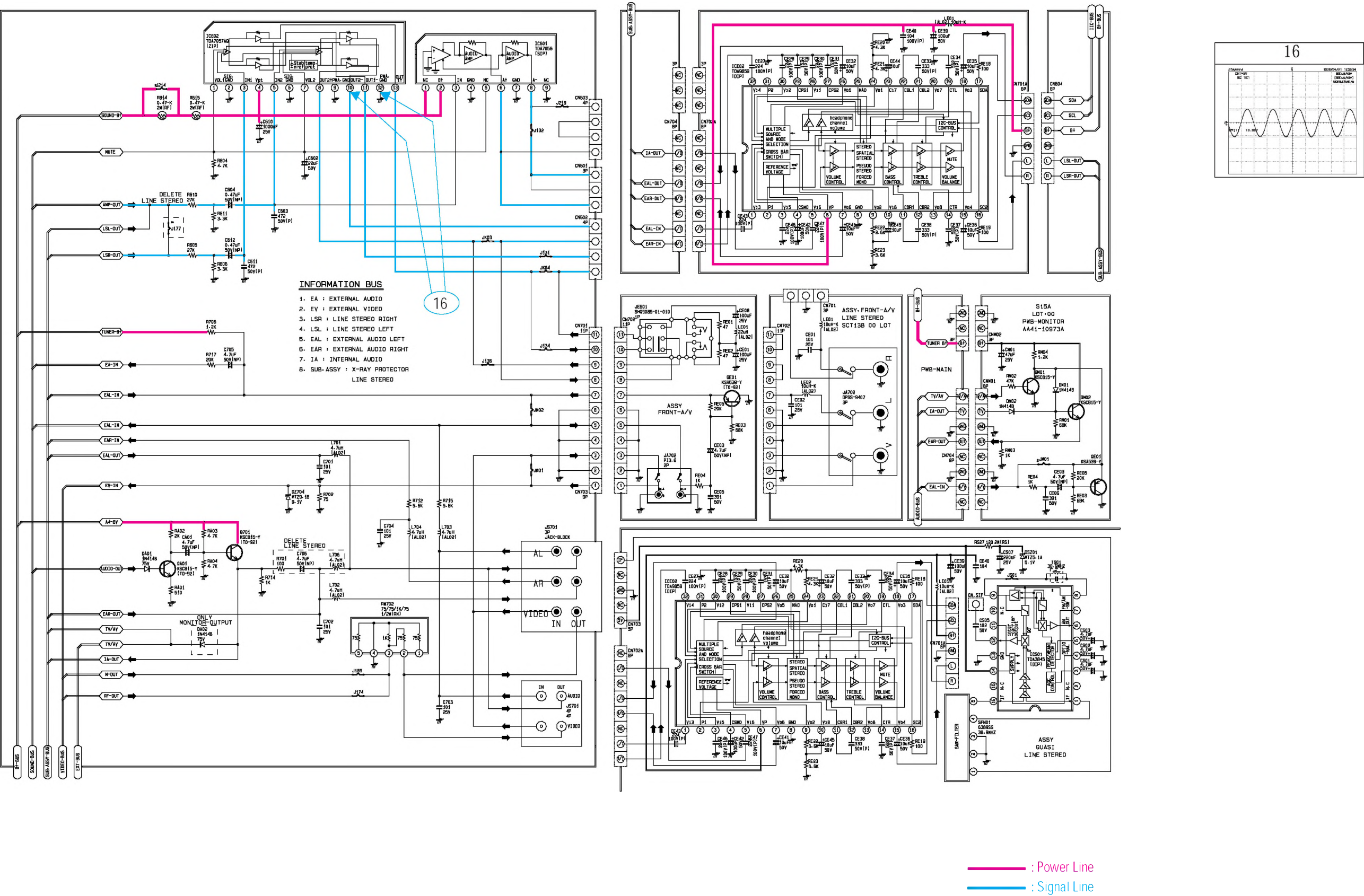
11-2 SOUND, EXT-A/V (Europe/Africa)

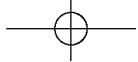


CABINET	SPEAKER	LOC. NO	SPEC
3373-3338-331F		J214	DELETE
3379	16ohm x 1CH / 2.5W	RE10	R-CA:1.8kohm-1/8
		RE11	R-CA:1.8kohm-1/8
		RE14	R-FUS:3.3ohm-2W-AA
		RE15	R-FUS:3.3ohm-2W-AA
5073-5373-8038		J214	DELETE
5338-5079-5379	16ohm x 1CH / 3.0W	RE10	R-CA:1.8kohm-1/8
501F		RE11	R-CA:1.8kohm-1/8
		RE14	R-FUS:2.4ohm-2W-AA
		RE15	R-FUS:2.4ohm-2W-AA
3385-3339-3839		J214	JUMPER
338C-331H	8ohm x 2CH / 3.0W	RE10	R-CA:1.8kohm-1/8
501H-331H		RE11	R-CA:1.8kohm-1/8
		RE14	DELETE
		RE15	R-FUS:5.8ohm-2W-AA
20"-21" (38-85-20)		J214	DELETE
331E-501E-5366		RE10	R-CA:2.7kohm-1/8
3386-3886-5586	8ohm x 2CH / 5.0W	RE11	R-CA:3.3kohm-1/8
333C-503C		RE14	R-FUS:5.47ohm-2W-AA
TDA7057AQ		RE15	R-FUS:5.47ohm-2W-AA

Power Line
Signal Line

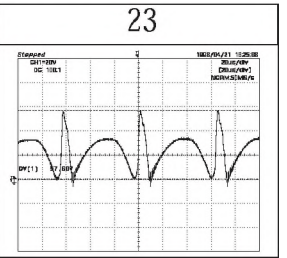
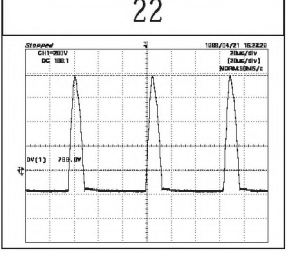
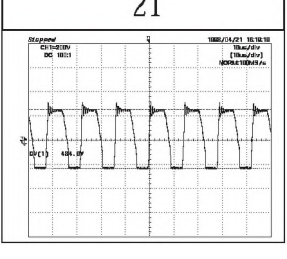
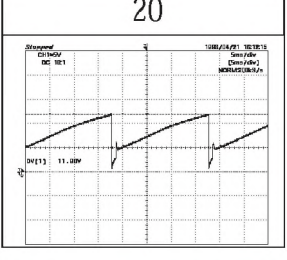
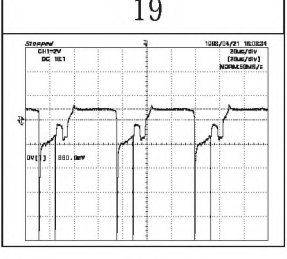
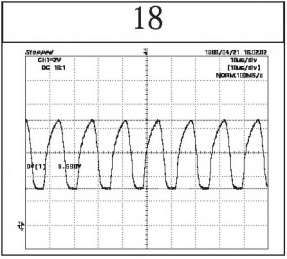
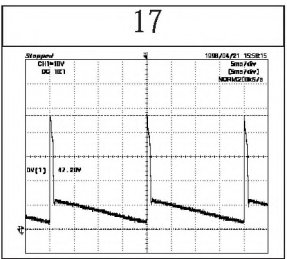
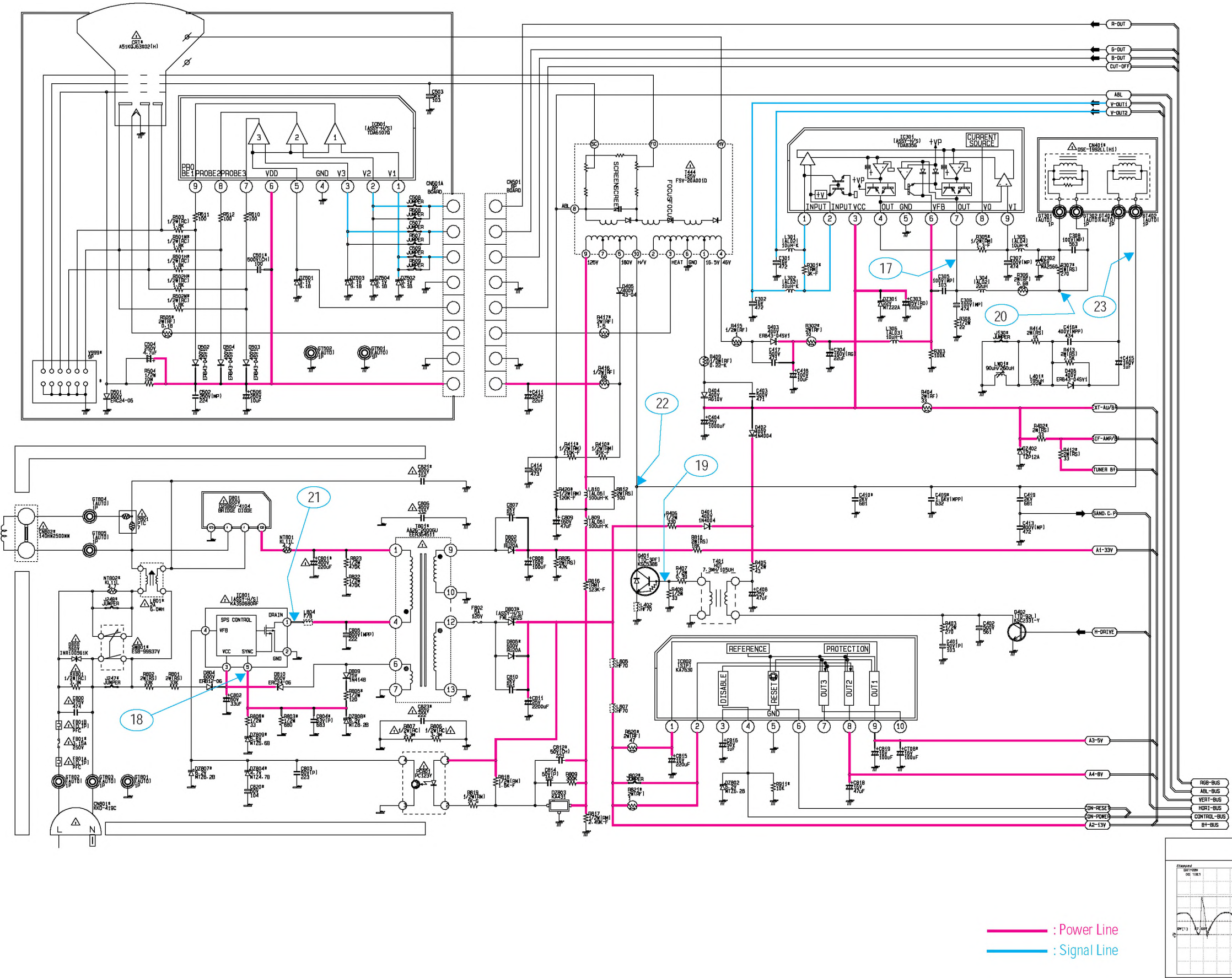
11-3 SOUND, EXT-A/V (Middle East / Asia)

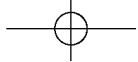




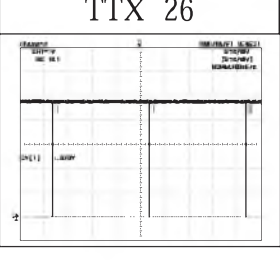
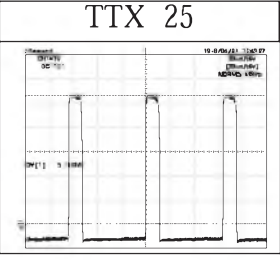
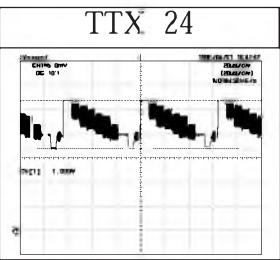
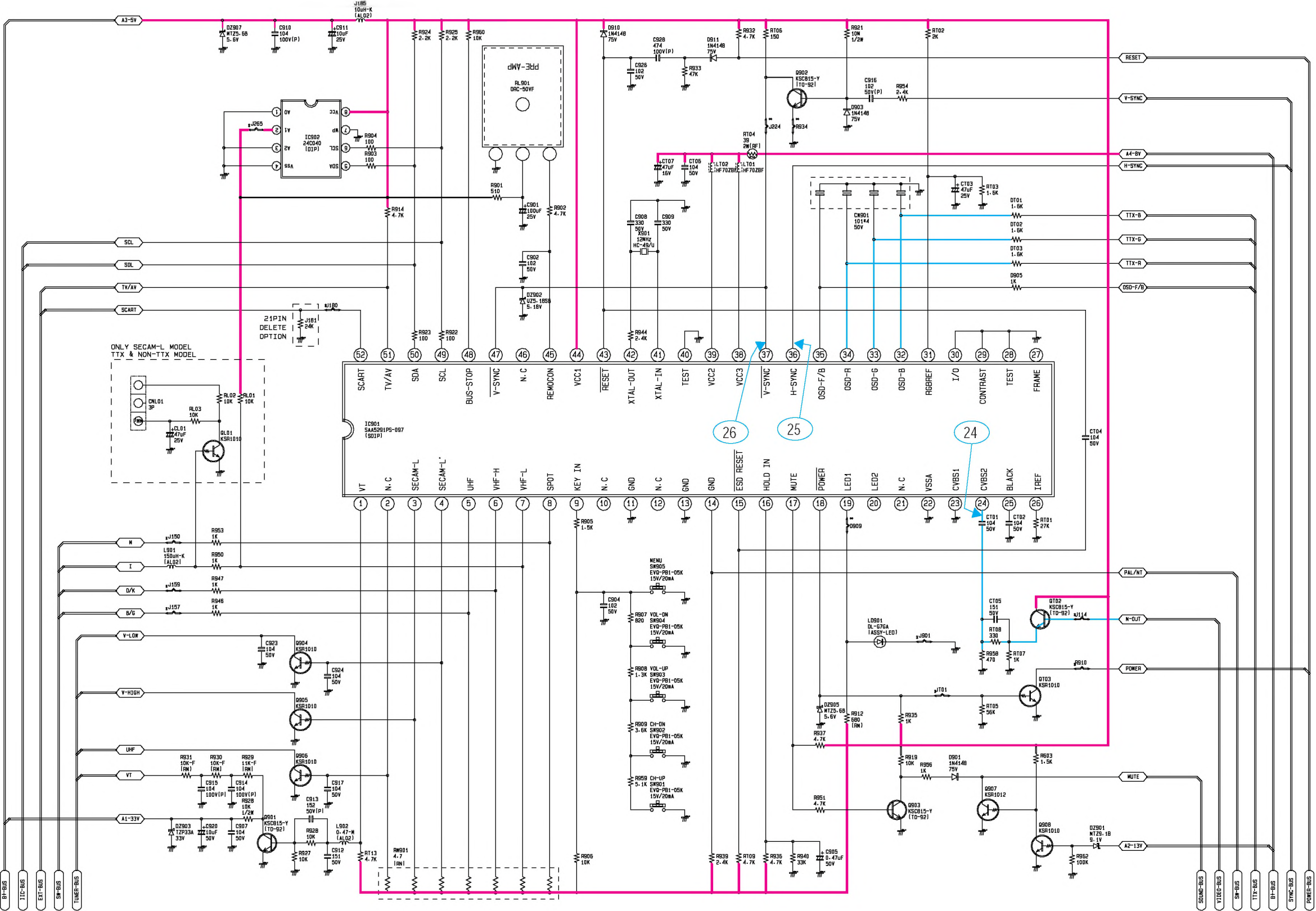
Schematic Diagrams

11-4 POWER / CRT / VERTICAL / HORIZONTAL

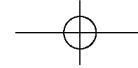




11-5 MICOM (TTX)

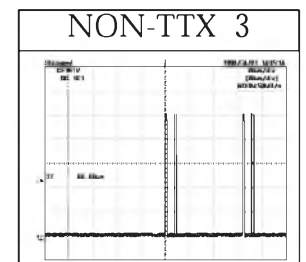
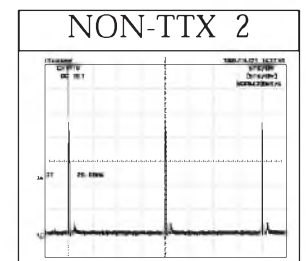
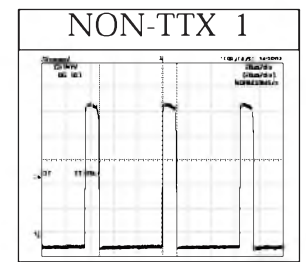
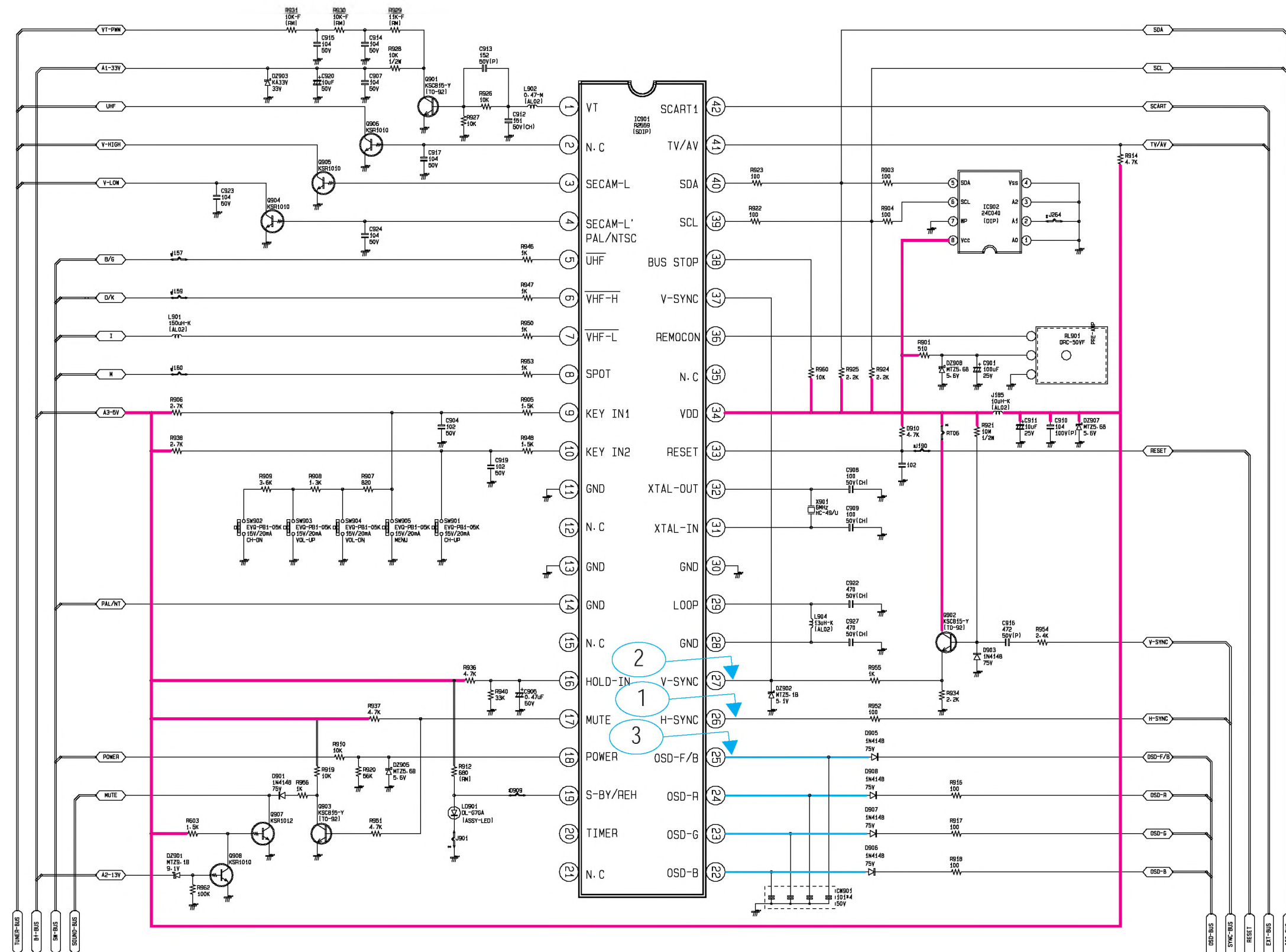


— : Power Line
— : Signal Line



Schematic Diagrams

11-6 MICOM (NON-TTX)



 : Power Line
 : Signal Line