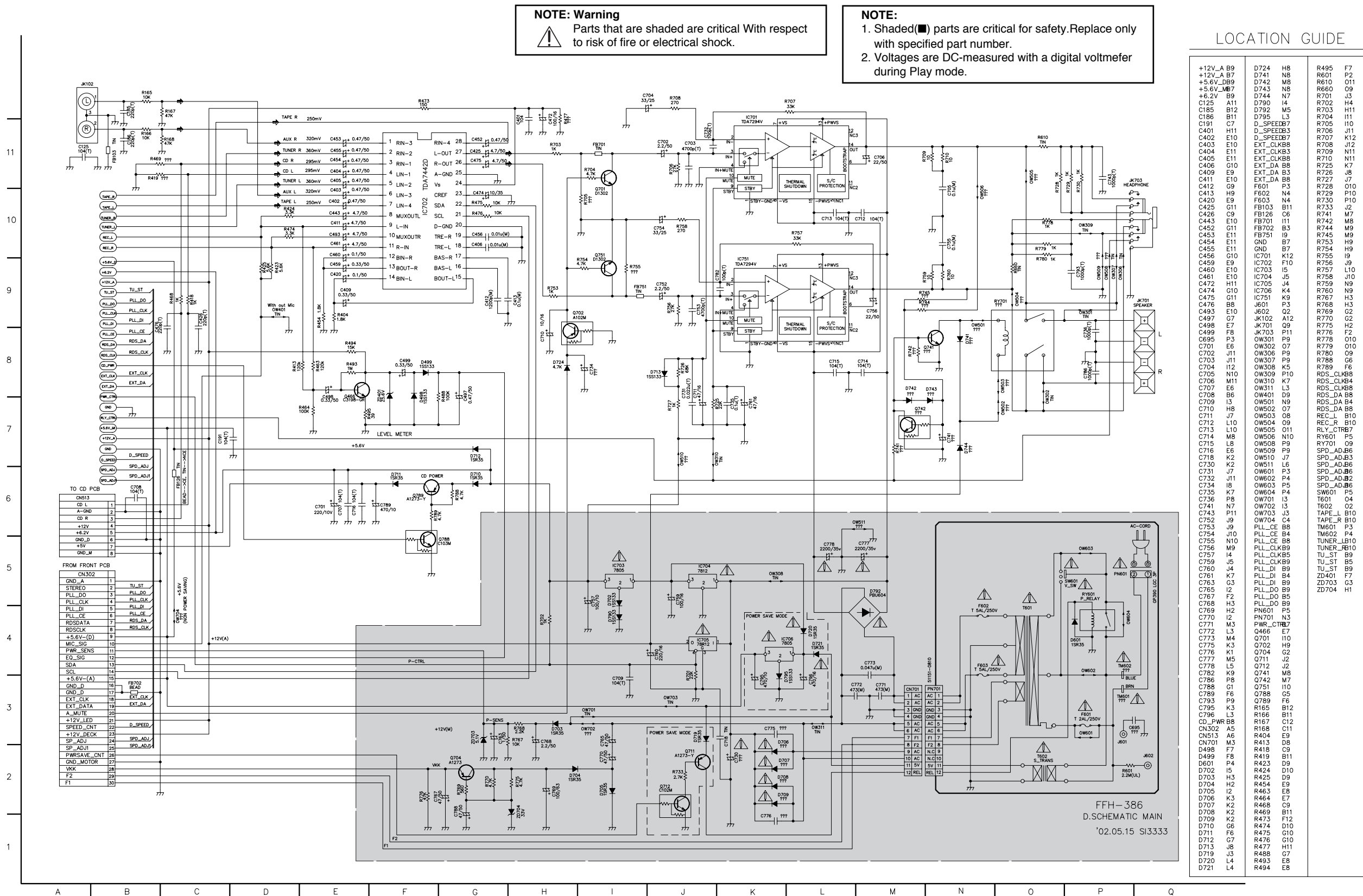


SCHEMATIC DIAGRAMS

• MAIN SCHEMATIC DIAGRAM

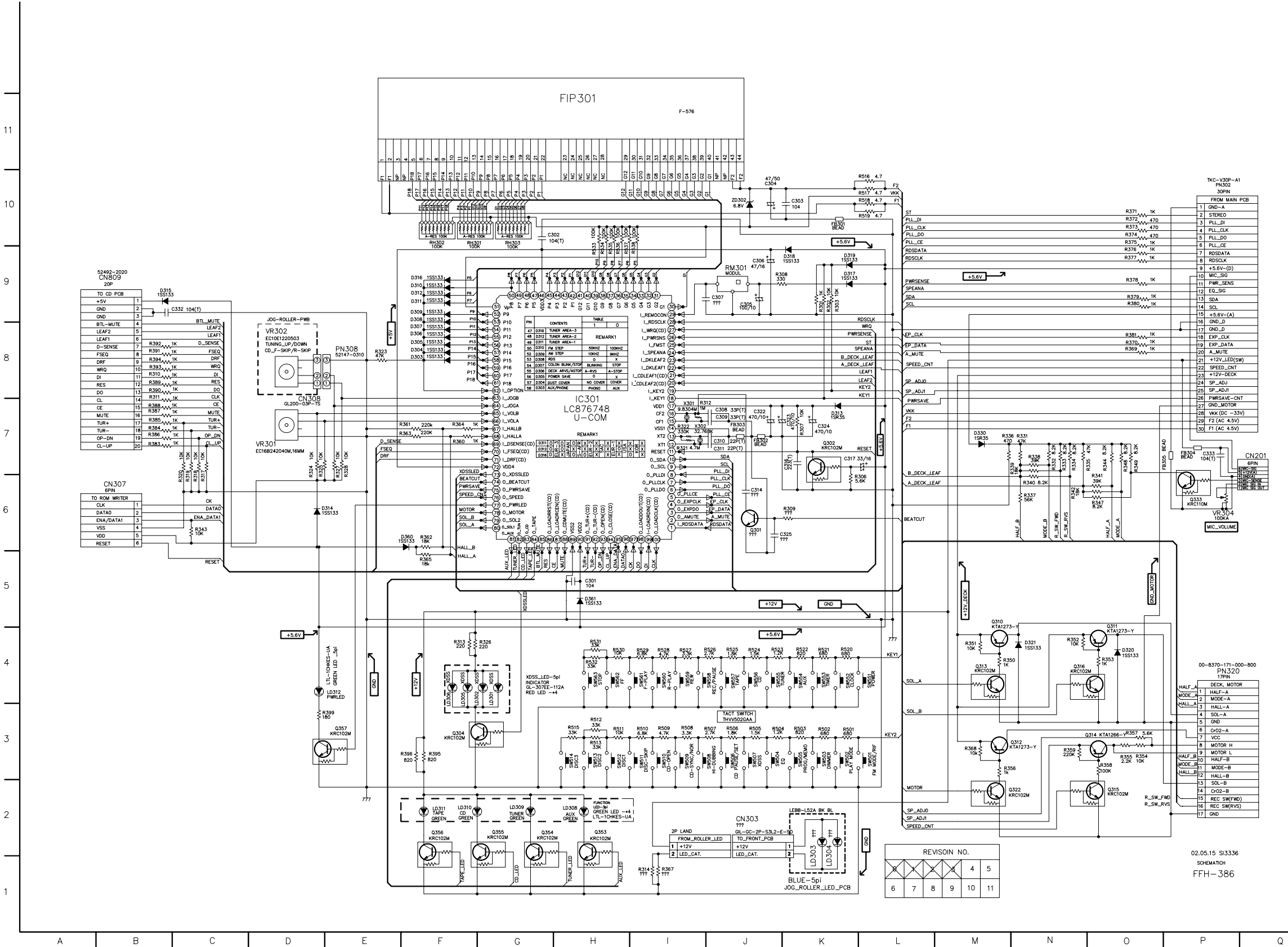


+12V_A B9	D724	H8	R495	F7
+12V_A B7	D741	N8	R601	P2
+5.6V_DB9	D742	M8	R610	O11
+5.6V_MB7	D743	N8	R660	O9
+6.2V B9	D744	N7	R701	J3
C125 A11	D790	I4	R702	H4
C185 B12	D792	M5	R703	H11
C186 B11	D795	L3	R704	I11
C191 C7	D_SPEEDB7		R705	I10
C401 H11	D_SPEEDB3		R706	J11
C402 E10	D_SPEEDB7		R707	K12
C403 E10	EXT_CLKB8		R708	J12
C404 E11	EXT_CLKB3		R709	N11
C405 E11	EXT_CLKB8		R710	N11
C406 G10	EXT_DA B8		R725	K7
C409 E9	EXT_DA B3		R726	J8
C411 E10	EXT_DA B8		R727	J7
C412 G9	F601	P3	R728	O10
C413 H9	F602	N4	R729	P10
C420 E9	F603	N4	R730	P10
C425 G11	FB103	B11	R733	J2
C426 C9	FB126	C6	R741	M7
C433 E10	FB701	I11	R742	M8
C452 G11	FB702	B3	R744	M9
C453 E11	FB751	I9	R745	M9
C454 E11	GND	B7	R753	H9
C455 E11	GND	B7	R754	H9
C456 G10	IC701	K12	R755	I9
C459 E9	IC702	F10	R756	J9
C460 E10	IC703	I5	R757	L10
C461 E10	IC704	J5	R758	J10
C472 H11	IC705	J4	R759	N9
C474 G10	IC706	K4	R760	N9
C475 G11	IC751	K9	R767	H3
C476 B8	JB01	P3	R768	H3
C493 E10	J602	Q2	R769	G2
C497 G7	JK102	A12	R770	G2
C498 E7	JK701	Q9	R775	H2
C499 F8	JK703	P11	R776	F2
C695 P3	OW301	P9	R778	O10
C701 E6	OW302	O7	R779	O10
C702 J11	OW306	P9	R780	O9
C703 J11	OW307	P9	R788	G6
C704 I12	OW308	K5	R789	F6
C705 N10	OW309	P10	RDS_CLKB8	
C706 M11	OW310	K7	RDS_CLKB4	
C707 E6	OW311	L3	RDS_CLKB8	
C708 B6	OW401	D9	RDS_DA B8	
C709 I3	OW501	N9	RDS_DA B4	
C710 H8	OW502	O7	RDS_DA B8	
C711 J7	OW503	O8	REC_L B10	
C712 L10	OW504	O9	REC_R B10	
C713 L10	OW505	O11	RLY_CTRB7	
C714 M8	OW506	N10	RY601	P5
C715 L8	OW508	P9	RY701	O9
C716 E6	OW509	P9	SPD_AD.B6	
C718 K2	OW510	J7	SPD_AD.B3	
C730 K2	OW511	L6	SPD_AD.B6	
C731 J7	OW601	J7	SPD_AD.B6	
C732 J11	OW602	P4	SPD_AD.B2	
C734 I8	OW603	P5	SPD_AD.B6	
C735 K7	OW604	P4	SW601	P5
C736 P8	OW701	I3	T601	O4
C741 N7	OW702	I3	T602	O2
C743 P11	OW703	J3	TAPE_L B10	
C752 J9	OW704	C4	TAPE_R B10	
C753 J9	PLL_CE B8		TM601	P3
C754 J10	PLL_CE B4		TM602	P4
C755 N10	PLL_CE B8		TUNER_LB10	
C756 M9	PLL_CLKB9		TUNER_FB10	
C757 I4	PLL_CLKB5		TU_ST B9	
C759 J5	PLL_CLKB9		TU_ST B5	
C760 J4	PLL_DI B9		TU_ST B9	
C761 K7	PLL_DI B4		ZD401	F7
C763 G3	PLL_DI B9		ZD703	G3
C765 I2	PLL_DO B9		ZD704	H1
C767 F2	PLL_DO B5			
C768 H3	PLL_DO B9			
C769 H2	PN601	P5		
C770 I2	PN701	N3		
C771 M3	PWR_CTRB7			
C772 L3	Q466	E7		
C773 M4	Q701	I10		
C775 K3	Q702	H9		
C776 K1	Q704	G2		
C777 M5	Q711	J2		
C778 L5	Q712	J2		
C782 K9	Q741	M8		
C786 P8	Q742	M7		
C788 G1	Q751	I10		
C789 F6	Q789	G5		
C793 P9	Q789	F6		
C795 K3	R165	B12		
C796 L3	R166	B11		
CD_PWR B8	R167	C12		
CN302 A5	R168	C11		
CN513 A6	R404	E9		
CN701 M3	R413	D8		
D498 F7	R418	C9		
D499 F8	R419	B11		
D601 P4	R423	D9		
D702 I5	R424	D10		
D703 H3	R425	D9		
D704 H2	R453	E9		
D705 I2	R463	I2		
D706 K3	R464	E7		
D707 K2	R468	C9		
D708 K2	R469	B11		
D709 K2	R473	F12		
D710 G6	R474	D10		
D711 F6	R475	G10		
D712 G7	R476	G10		
D713 J8	R477	H11		
D719 J3	R488	G7		
D720 L4	R493	E8		
D721 L4	R494	E8		

LOCATION GUIDE

+12V_A B9	D724	H8	R495	F7
+12V_A B7	D741	N8	R601	P2
+5.6V_DB9	D742	M8	R610	O11
+5.6V_MB7	D743	N8	R660	O9
+6.2V B9	D744	N7	R701	J3
C125 A11	D790	I4	R702	H4
C185 B12	D792	M5	R703	H11
C186 B11	D795	L3	R704	I11
C191 C7	D_SPEEDB7		R705	I10
C401 H11	D_SPEEDB3		R706	J11
C402 E10	D_SPEEDB7		R707	K12
C403 E10	EXT_CLKB8		R708	J12
C404 E11	EXT_CLKB3		R709	N11
C405 E11	EXT_CLKB8		R710	N11
C406 G10	EXT_DA B8		R725	K7
C409 E9	EXT_DA B3		R726	J8
C411 E10	EXT_DA B8		R727	J7
C412 G9	F601	P3	R728	O10
C413 H9	F602	N4	R729	P10
C420 E9	F603	N4	R730	P10
C425 G11	FB103	B11	R733	J2
C426 C9	FB126	C6	R741	M7
C433 E10	FB701	I11	R742	M8
C452 G11	FB702	B3	R744	M9
C453 E11	FB751	I9	R745	M9
C454 E11	GND	B7	R753	H9
C455 E11	GND	B7	R754	H9
C456 G10	IC701	K12	R755	I9
C459 E9	IC702	F10	R756	J9
C460 E10	IC703	I5	R757	L10
C461 E10	IC704	J5	R758	J10
C472 H11	IC705	J4	R759	N9
C474 G10	IC706	K4	R760	N9
C475 G11	IC751	K9	R767	H3
C476 B8	JB01	P3	R768	H3
C493 E10	J602	Q2	R769	G2
C497 G7	JK102	A12	R770	G2
C498 E7	JK701	Q9	R775	H2
C499 F8	JK703	P11	R776	F2
C695 P3	OW301	P9	R778	O10
C701 E6	OW302	O7	R779	O10
C702 J11	OW306	P9	R780	O9
C703 J11	OW307	P9	R788	G6
C704 I12	OW308	K5	R789	F6
C705 N10	OW309	P10	RDS_CLKB8	
C706 M11	OW310	K7	RDS_CLKB4	
C707 E6	OW311	L3	RDS_CLKB8	
C708 B6	OW401	D9	RDS_DA B8	
C709 I3	OW501	N9	RDS_DA B4	
C710 H8	OW502	O7	RDS_DA B8	
C711 J7	OW503	O8	REC_L B10	
C712 L10	OW504	O9	REC_R B10	
C713 L10	OW505	O11	RLY_CTRB7	
C714 M8	OW506	N10	RY601	P5
C715 L8	OW508	P9	RY701	O9
C716 E6	OW509	P9	SPD_AD.B6	
C718 K2	OW510	J7	SPD_AD.B3	
C730 K2	OW511	L6	SPD_AD.B6	
C731 J7	OW601	J7	SPD_AD.B6	
C732 J11	OW602	P4	SPD_AD.B2	
C734 I8	OW603	P5	SPD_AD.B6	
C735 K7	OW604	P4	SW601	P5
C736 P8	OW701	I3	T601	O4
C741 N7	OW702	I3	T602	O2
C743 P11	OW703	J3	TAPE_L B10	
C752 J9	OW704	C4	TAPE_R B10	
C753 J9	PLL_CE B8		TM601	P3
C754 J10	PLL_CE B4		TM602	P4
C755 N10	PLL_CE B8		TUNER_LB10	
C756 M9	PLL_CLKB9		TUNER_FB10	
C757 I4	PLL_CLKB5		TU_ST B9	
C759 J5	PLL_CLKB9		TU_ST B5	
C760 J4	PLL_DI B9		TU_ST B9	
C761 K7	PLL_DI B4		ZD401	F7
C763 G3	PLL_DI B9		ZD703	G3
C765 I2	PLL_DO B9		ZD704	H1
C767 F2	PLL_DO B5			
C768 H3	PLL_DO B9			
C769 H2	PN601	P5		
C770 I2	PN701	N3		
C771 M3	PWR_CTRB7			
C772 L3	Q466	E7		
C773 M4	Q701	I10		
C775 K3	Q702	H9		
C776 K1	Q704	G2		
C777 M5	Q711	J2		
C778 L5	Q712	J2		
C782 K9	Q741	M8		
C786 P8	Q742	M7		
C788 G1	Q751	I10		
C789 F6	Q789	G5		
C793 P9	Q789	F6		
C795 K3	R165	B12		
C796 L3	R166	B11		
CD_PWR B8	R167	C12		
CN302 A5	R168	C11		
CN513 A6	R404	E9		
CN701 M3	R413	D8		
D498 F7	R418	C9		
D499 F8	R419	B11		
D601 P4	R423	D9		
D702 I5	R424	D10		
D703 H3	R425	D9		
D704 H2	R453	E9		
D705 I2	R463	I2		
D706 K3	R464	E7		
D707 K2	R468	C9		
D708 K2	R469	B11		
D709 K2	R473	F12		
D710 G6	R474	D10		
D711 F6	R475	G10		
D712 G7	R476	G10		
D713 J8	R477	H11		
D719 J3	R488	G7		
D720 L4	R493	E8		
D721 L4	R494	E8		

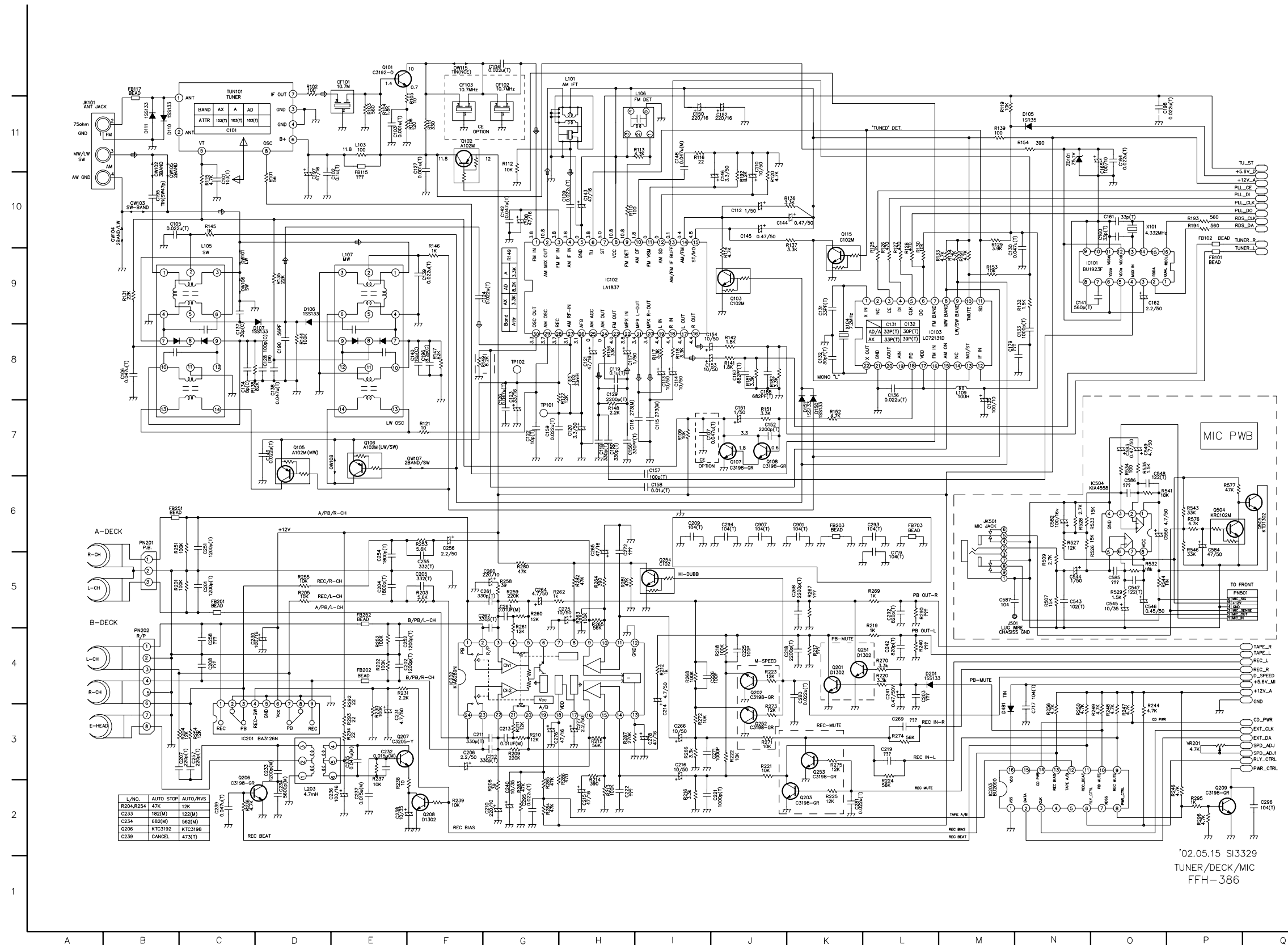
• FRONT SCHEMATIC DIAGRAM



LOCATION GUIDE

C301	H5	R306	K6	R507	I3
C302	G10	R307	K7	R508	I3
C303	K10	R308	J9	R509	I3
C304	J10	R309	K6	R510	I3
C305	J9	R310	B8	R511	H3
C306	J9	R311	B7	R512	H3
C307	J9	R312	I7	R513	H3
C308	J7	R313	F4	R514	H3
C309	J7	R314	I1	R515	L10
C310	J7	R317	C6	R516	L10
C311	J7	R318	C6	R517	L10
C312	J6	R319	C6	R518	L10
C313	K7	R320	C6	R519	L10
C314	K7	R321	I7	R520	K4
C315	K7	R322	I7	R521	K4
C316	K7	R323	E8	R522	K4
C317	K7	R324	D6	R523	J4
C318	K7	R325	D6	R524	J4
C319	K7	R326	G4	R525	J4
C320	K7	R327	E6	R526	I4
C321	K7	R328	E6	R527	I4
C322	J7	R329	N7	R528	I4
C323	K7	R330	N7	R529	I4
C324	K7	R331	N7	R530	H4
C325	K7	R332	N7	R531	H4
C326	K7	R333	N7	R532	H4
C327	K7	R334	N7	R533	H4
C328	K7	R335	N7	R534	H9
C329	K7	R336	N7	R535	H9
C330	K7	R337	N6	R536	H9
C331	K7	R338	N7	R537	H9
C332	K7	R339	N7	R538	H9
C333	K7	R340	N6	R539	H9
C334	K7	R341	O6	R540	H9
C335	K7	R342	N6	R541	H9
C336	K7	R343	C6	R542	H9
C337	K7	R344	O7	R543	H9
C338	K7	R345	O7	R544	H9
C339	K7	R346	O7	R545	H9
C340	K7	R347	O6	R546	H9
C341	K7	R348	O7	R547	H9
C342	K7	R349	O7	R548	H9
C343	K7	R350	M4	R549	H9
C344	K7	R351	M4	R550	H9
C345	K7	R352	N4	R551	H9
C346	K7	R353	N4	R552	H9
C347	K7	R354	N4	R553	H9
C348	K7	R355	N4	R554	H9
C349	K7	R356	N4	R555	H9
C350	K7	R357	N4	R556	H9
C351	K7	R358	N4	R557	H9
C352	K7	R359	N4	R558	H9
C353	K7	R360	F7	R559	H9
C354	K7	R361	E7	R560	H9
C355	K7	R362	F7	R561	H9
C356	K7	R363	E7	R562	H9
C357	K7	R364	F7	R563	H9
C358	K7	R365	F5	R564	H9
C359	K7	R366	I7	R565	H9
C360	K7	R367	I7	R566	H9
C361	K7	R368	M3	R567	H9
C362	K7	R369	O8	R568	H9
C363	K7	R370	O8	R569	H9
C364	K7	R371	O10	R570	H9
C365	K7	R372	O10	R571	H9
C366	K7	R373	O10	R572	H9
C367	K7	R374	O10	R573	H9
C368	K7	R375	O10	R574	H9
C369	K7	R376	O9	R575	H9
C370	K7	R377	O9	R576	H9
C371	K7	R378	O9	R577	H9
C372	K7	R379	O9	R578	H9
C373	K7	R380	O9	R579	H9
C374	K7	R381	O8	R580	H9
C375	K7	R382	B7	R581	H9
C376	K7	R383	B7	R582	H9
C377	K7	R384	B7	R583	H9
C378	K7	R385	B7	R584	H9
C379	K7	R386	B7	R585	H9
C380	K7	R387	B7	R586	H9
C381	K7	R388	B7	R587	H9
C382	K7	R389	B8	R588	H9
C383	K7	R390	B8	R589	H9
C384	K7	R391	B8	R590	H9
C385	K7	R392	B8	R591	H9
C386	K7	R393	B8	R592	H9
C387	K7	R394	B8	R593	H9
C388	K7	R395	F3	R594	H9
C389	K7	R396	F3	R595	H9
C390	K7	R397	F3	R596	H9
C391	K7	R398	F3	R597	H9
C392	K7	R399	F3	R598	H9
C393	K7	R400	K3	R599	H9
C394	K7	R401	K3	R600	H9
C395	K7	R402	K3	R601	H9
C396	K7	R403	K3	R602	H9
C397	K7	R404	J3	R603	H9
C398	K7	R405	J3	R604	H9
C399	K7	R406	J3	R605	H9

• TUNER/DECK/MIC SCHEMATIC DIAGRAM



LOCATION GUIDE

FB703	L6	C258	C4	Q209	P2	R271	J3
+12V_A	P10	C260	G5	Q251	K4	R272	I3
+12V_A	Q4	C261	F5	Q252	J3	R273	J3
+5.6V_DP10		C262	F5	Q253	K3	R274	L3
+5.6V_MQ4		C263	G5	Q254	I5	R275	K3
C101	C10	C264	G5	Q504	P6	R280	G5
C102	E10	C265	H5	Q505	Q6	R281	H5
C103	E11	C266	I3	R101	D10	R282	H5
C104	G12	C268	K5	R102	D12	R283	G2
C105	B10	C269	L3	R103	E11	R284	G2
C106	B8	C271	J3	R104	E11	R285	G2
C107	I7	C272	H5	R105	F11	R286	H2
C108	G10	C275	H5	R106	F11	R287	H3
C109	H10	C276	G3	R109	I7	R290	L5
C110	J11	C277	H3	R110	H10	R292	E3
C112	J10	C278	I3	R111	F11	R293	E3
C113	I8	C280	K4	R112	G11	R294	E3
C114	I8	C281	K2	R113	H11	R295	P2
C115	I7	C292	L5	R114	J9	R296	P2
C116	H7	C293	L6	R115	C10	R507	N5
C117	H8	C294	H6	R116	I11	R509	N5
C118	H7	C295	G2	R117	I8	R526	O5
C119	H8	C296	Q2	R118	I8	R527	N6
C120	H7	C543	N5	R119	M11	R528	N6
C121	H8	C544	N5	R120	J10	R529	O5
C122	G7	C545	O5	R121	F7	R532	O5
C123	G7	C546	O5	R122	H7	R533	O6
C124	G9	C547	O5	R125	L9	R534	O7
C126	G7	C548	O7	R126	L9	R535	O7
C127	F10	C549	O7	R127	L9	R541	O6
C128	D8	C550	P6	R128	L9	R543	P6
C129	H8	C582	N6	R129	M10	R544	O5
C130	M9	C583	O7	R130	L9	R546	P6
C131	K9	C584	P6	R131	B9	R576	P6
C132	K8	C585	O5	R132	N9	R577	P6
C133	N8	C586	O6	R133	M9	RDS_CLKP10	
C134	C8	C587	M5	R134	M9	RDS_DA	P10
C135	M7	C717	N3	R135	D9	REC_L	Q4
C136	L8	C719	L5	R136	J10	REC_R	Q4
C137	C8	C901	K6	R137	J10	RLY_CTRLQ3	
C138	D8	C907	J6	R138	C8	SPD_ADQ3	
C139	F9	CD_PWR	Q3	R139	M11	SPD_ADQ3	
C140	F8	CF101	E12	R141	J8	TAPE_L	Q4
C141	N9	CF102	O12	R142	J8	TAPE_R	Q4
C142	G10	CF103	F12	R144	D8	TUN101	C12
C143	H10	D105	N11	R145	C10	TUNER_LP9	
C144	J10	D106	D9	R146	F10	TUNER_LP10	
C145	J10	D107	C8	R147	F8	TU_ST	P11
C146	J10	D110	B11	R148	G8	VR201	P3
C147	I11	D149	G8	R149	G8	X104	K8
C149	D7	D150	K7	R151	J7	ZD101	N11
C150	I11	D151	K7	R152	K7		
C151	J7	D201	L4	R153	M9		
C152	J7	D481	M3	R154	N11		
C153	I8	D_SPEED04		R156	H8		
C154	I8	EXT_CLKQ3		R181	J8		
C156	H7	EXT_DA	Q3	R182	J8		
C157	I7	FB101	P9	R191	M9		
C158	I6	FB102	P10	R192	J10		
C159	G7	FB115	O10	R193	P10		
C160	G10	FB117	B12	R194	P10		
C161	O10	FB201	C5	R201	B5		
C162	O9	FB202	E4	R202	E4		
C164	O11	FB203	K6	R203	F5		
C165	O10	FB251	B6	R204	C3		
C167	M8	FB252	E5	R205	D5		
C180	H7	GND	O4	R208	G2		
C187	J8	IC101	N9	R209	G3		
C188	J8	IC102	H9	R210	G3		
C190	D8	IC103	L8	R211	G3		
C192	J11	IC201	C3	R212	I4		
C193	E10	IC202	F4	R213	H2		
C196	F8	IC203	M2	R214	H2		
C197	D10	IC504	O6	R215	H3		
C198	P11	J501	M5	R216	I2		
C201	C5	JK101	A11	R217	K4		
C202	F4	JK501	M6	R218	J4		
C204	L4	L101	H12	R219	L5		
C204	E5	L102	H8	R220	L4		
C205	F5	L103	E11	R221	J3		
C206	F3	L105	C10	R222	J3		
C207	C3	L106	I12	R223	J3		
C208	C4	L107	E9	R224	L2		
C209	I6	L109	M8	R225	K2		
C210	G2	L203	D2	R230	E3		
C211	F3	OW101	C9	R231	E4		
C212	G3	OW102	B10	R236	C2		
C213	G3	OW103	B10	R237	E2		
C214	I3	OW104	B10	R238	E2		
C215	H2	OW105	B10	R239	F2		
C216	I3	OW106	C9	R240	L4		
C218	K4	OW107	F7	R244	O3		
C219	L3	OW108	F7	R246	P2		
C221	J2	OW115	E12	R247	O3		
C222	H2	PD248	H2	R248	H2		
C225	J4	PLL_CLKP10		R249	O3		
C226	J4	PLL_DI	P10	R250	N3		
C230	C4	PLL_DO	P10	R251	B5		
C231	E3	PN201	B6	R252	F4		
C232	E3	PN202	B4	R253	F4		
C233	O3	PN501	P5	R254	C3		
C234	D2	PWR_CTRLQ3		R255	D5		
C235	E3	Q101	E12	R256	N3		
C236	E2	Q102	F11	R258	G5		
C237	E2	Q103	J9	R259	G5		
C238	E2	Q105	D7	R260	G5		
C239	C2	Q106	F7	R261	G4		
C240	G2	Q107	J7	R262	G5		
C241	L4	Q108	J7	R263	H5		
C242	L4	Q115	K10	R264	H5		
C251	C5	Q201	K4	R265	H5		
C252	E4	Q202	J4	R266	I3		
C254	E5	Q203	K2	R267	K5		
C255	F5	Q206	C3	R268	I4		
C256	F6	Q207	E3	R269	L5		
C257	C3	Q208	F2	R270	L4		

'02.05.15 S13329
TUNER/DECK/MIC
FFH-386

• CDP SCHEMATIC DIAGRAM

LOCATION GUIDE

