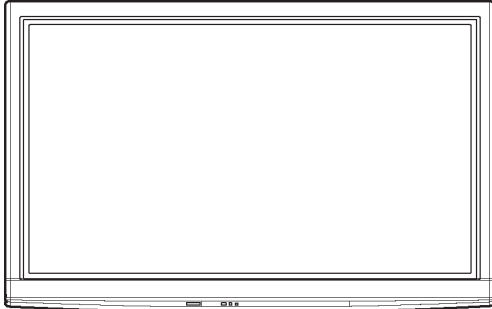


Service Manual

50 inch Class 1080p Plasma HDTV

Model No. **TC-P50G10**


GPF12DU Chassis



WARNING

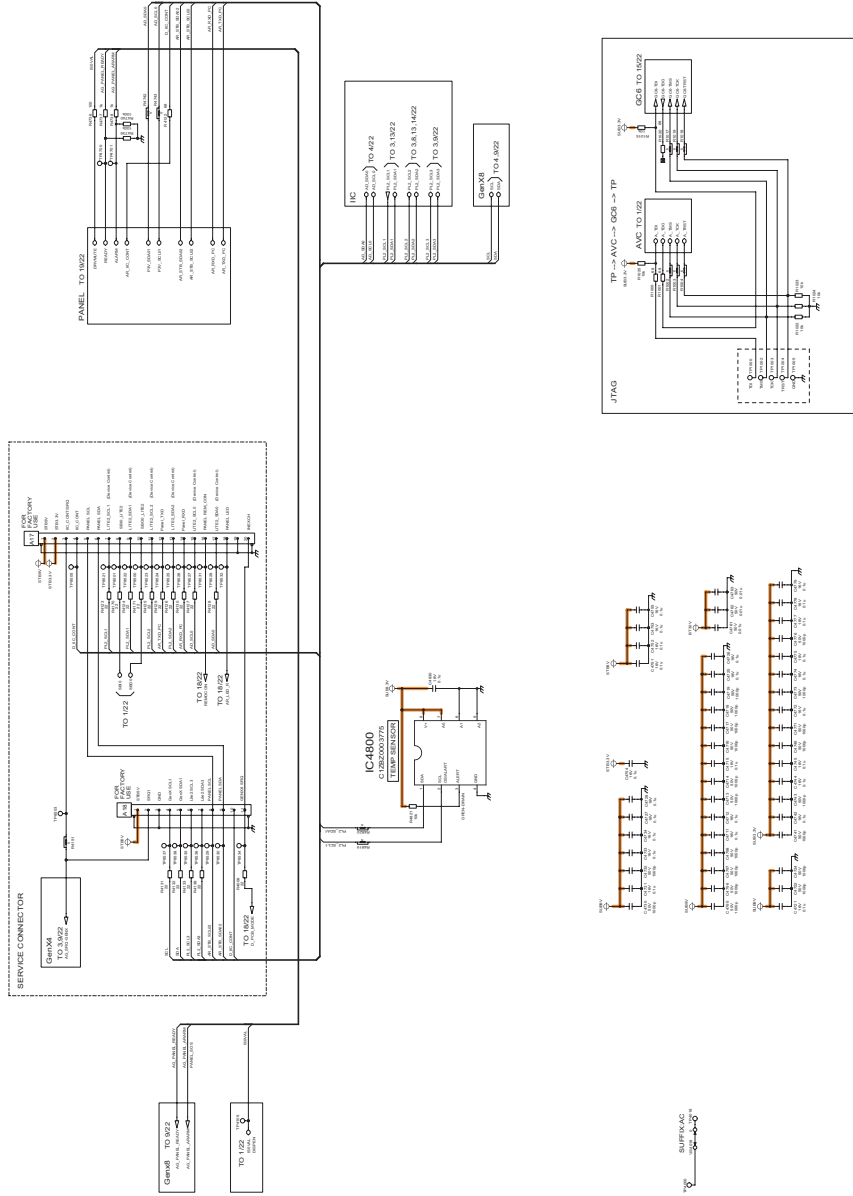
This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

11.21. A-Board (17/22) Schematic Diagram

A-BOARD TXN/A1DWUUS (17/22) CONNECTOR



13.2.2. Electrical Replacement Parts List

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by AVC-CSPC.
 Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	A1	K1KA09A00220	9P CONNECTOR	1	
	A6	K1KA15A00148	15P CONNECTOR	1	
	A11	K1KA03AA0190	3P CONNECTOR	1	
	A12	K1KA02AA0180	2P CONNECTOR	1	
	A17	K1KA20AA0009	20P CONNECTOR	1	
	A18	K1KA11AA0715	11P CONNECTOR	1	
	A25	K1KA13A00152	13P CONNECTOR	1	
	A30	K1KA12A00317	12P CONNECTOR	1	
	A31	K1MY68BA0345	68P CONNECTOR	1	
	A32	K1MY68BA0345	68P CONNECTOR	1	
	A33	K1MY35BA0345	35P CONNECTOR	1	
	C10	K1MN40B00044	40P CONNECTOR	1	
	C20	K1MN40B00044	40P CONNECTOR	1	
	C21	K1MY68BA0345	68P CONNECTOR	1	
	C24	K1KA02A00787	2P CONNECTOR	1	
	C26	K1MN20BA0231	20P CONNECTOR	1	
	C31	K1MY68BA0345	68P CONNECTOR	1	
	C33	K1KA08B00270	8P CONNECTOR	1	
	C35	K1KA04BA0107	4P CONNECTOR	1	
	C36	K1MY20BA0345	20P CONNECTOR	1	PAVCA
	C1102	FLJ0J106A020	C 0.010UF, K, 16V	1	
	C1103	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1104	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1105	FIG1E103A123	C 0.010UF, K, 25V	1	
	C1106	FIG1H270A731	C 27UF, 50V	1	
	C1107	FIG1H180A731	C 18UF, 50V	1	
	C1108	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1109	FIH1A1050032	C 10UF, 50V	1	
	C1111	FIH1A1050032	C 10UF, 50V	1	
	C1112	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1114	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1117	FIG1C104A116	C 0.10UF, K, 16V	1	
	C1122	FIG1C103A116	C 0.010UF, K, 16V	1	
	C1123	FIH1A1050032	C 10UF, 50V	1	
	C1202	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2023	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2049	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2050	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2055	FIG1H150A731	C 15UF, 50V	1	
	C2056	FIG1H150A731	C 15UF, 50V	1	
	C2058	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2059	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2102	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2105	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2106	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2107	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2108	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2111	FLJ1A475A039	C 4.7UF, K, 10V	1	
	C2118	FLJ1A475A039	C 4.7UF, K, 10V	1	
	C2125	FIG1E103A123	C 0.010UF, K, 25V	1	
	C2127	FIG1E103A123	C 0.010UF, K, 25V	1	
	C2128	FIG1C103A116	C 0.010UF, K, 16V	1	
	C2129	FIG1C103A116	C 0.010UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2135	FIG1E103A123	C 0.010UF, K, 25V	1	
	C2136	FIG1E103A123	C 0.010UF, K, 25V	1	
	C2192	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2216	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2244	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2245	FIG1H102A730	C 1000UF, 50V	1	
	C2251	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2263	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2264	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C2301	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2302	FIG1C104A116	C 0.10UF, K, 16V	1	
	C2303	FLJ1E105A171	C 1 UF 25V	1	
	C2305	FLJ1E105A171	C 1 UF 25V	1	
	C2307	FLJ1E105A171	C 1 UF 25V	1	
	C2309	FLJ1E105A171	C 1 UF 25V	1	
	C2313	FIH1A1050032	C 10UF, 50V	1	
	C2317	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2319	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2321	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2323	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2333	FLJ1E3340003	C 0.33UF, Z, 25V	1	
	C2335	FLJ1E3340003	C 0.33UF, Z, 25V	1	
	C2337	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2339	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2341	FLJ1E3340003	C 0.33UF, Z, 25V	1	
	C2343	FLJ1E3340003	C 0.33UF, Z, 25V	1	
	C2345	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2347	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2353	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2359	FIH1H104A970	C 0.1UF, K, 50V	1	
	C2375	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2377	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2379	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2381	FIH1H223A970	C 0.22UF, K, 50V	1	
	C2383	FIG1H102A730	C 1000UF, 50V	1	
	C2385	FIG1H102A730	C 1000UF, 50V	1	
	C2387	FIG1H102A730	C 1000UF, 50V	1	
	C2389	FIG1H102A730	C 1000UF, 50V	1	
	C2512	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
	C2522	FLH1C104A143	C 0.10UF, K, 16V	1	
	C3001	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3006	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3007	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3010	FIG1C103A116	C 0.010UF, K, 16V	1	
	C3013	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3015	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3017	FIG1C104A116	C 0.10UF, K, 16V	1	
	C3019	FIG1C104A116	C 0.10UF, K, 16V	1	
	C3022	FIG1C104A116	C 0.10UF, K, 16V	1	
	C3023	FLJ1A106A043	C 0.010UF, K, 10V	1	
	C3024	FIH1A1050032	C 10UF, 50V	1	
	C3025	FIH1A1050032	C 10UF, 50V	1	
	C3026	FIH1A1050032	C 10UF, 50V	1	
	C3027	FIH1A1050032	C 10UF, 50V	1	