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15 BILL OF MATERIALS (PARTS LIST)

REVISION

(RF : G4UD06396 Rev.0 , LOGIC : G4UD06397 Rev.0)

SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
C11	CAPACITOR	CERAMIC CHIP	4pF	50V	GRM39CH040B50-PT	1	MURATA	
C12	CAPACITOR	CERAMIC CHIP	1pF	50V	GRM39CK010C50-PT	1	MURATA	
C13	CAPACITOR	CERAMIC CHIP	6pF	50V	GRM39CH060B50-PT	1	MURATA	
C14	CAPACITOR	CERAMIC CHIP	6pF	50V	GRM39CH060B50-PT	1	MURATA	
C15	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C16	CAPACITOR	CERAMIC CHIP	4pF	50V	GRM39CH040B50-PT	1	MURATA	
C17	CAPACITOR	CERAMIC CHIP	5pF	50V	GRM39CH050C50-PT	1	MURATA	
C18	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C19	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C20	CAPACITOR	CERAMIC CHIP	6pF	50V	GRM39CH060B50-PT	1	MURATA	
C21	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C22	CAPACITOR	CERAMIC CHIP	4pF	50V	GRM39CH040B50-PT	1	MURATA	
C23	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM39B102K50-PT	1	MURATA	
C26	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM39B102K50-PT	1	MURATA	
C27	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM39B102K50-PT	1	MURATA	
C28	CAPACITOR	CERAMIC CHIP	2pF	50V	GRM39CK020B50-PT	1	MURATA	
C29	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM39CH470J50-PT	1	MURATA	
C30	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM39CH101J50-PT	1	MURATA	
C31	CAPACITOR	CERAMIC CHIP	9pF	50V	GRM39CH090D50-PT	1	MURATA	
C32	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C35	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM39CH470J50-PT	1	MURATA	
C37	CAPACITOR	CERAMIC CHIP	1pF	50V	GRM39CK010C50-PT	1	MURATA	
C41	CAPACITOR	CERAMIC CHIP	2pF	50V	UCN033CK020B-2	1	TAIYO YUDEN	
C42	CAPACITOR	CERAMIC CHIP		50V	MC1608	0	SUMITOMO METALS	Not Used
C43	CAPACITOR	CERAMIC CHIP	0.55pF	50V	MC1608V0R55R03M50	1	SUMITOMO METALS	
C44	CAPACITOR	CERAMIC CHIP	1.5pF	50V	UCN033CK1R5B-2	1	TAIYO YUDEN	
C45	CAPACITOR	CERAMIC CHIP	0.60pF	50V	MC1608V0R60R03M50	1	SUMITOMO METALS	
C46	CAPACITOR	CERAMIC CHIP		50V	MC1608	0	SUMITOMO METALS	Not Used
C47	CAPACITOR	CERAMIC CHIP	2.2pF	50V	UCN033CK2R2A-2	1	TAIYO YUDEN	
C51	CAPACITOR	CERAMIC CHIP	1.5pF	50V	UCN033CK1R5B-2	1	TAIYO YUDEN	
C52	CAPACITOR	CERAMIC CHIP		50V	MC1608	0	SUMITOMO METALS	Not Used
C53	CAPACITOR	CERAMIC CHIP	0.60pF	50V	MC1608V0R60R03M50	1	SUMITOMO METALS	
C54	CAPACITOR	CERAMIC CHIP	1.5pF	50V	UCN033CK1R5B-2	1	TAIYO YUDEN	
C55	CAPACITOR	CERAMIC CHIP	0.55pF	50V	MC1608V0R55R03M50	1	SUMITOMO METALS	
C56	CAPACITOR	CERAMIC CHIP		50V	MC1608	0	SUMITOMO METALS	Not Used
C57	CAPACITOR	CERAMIC CHIP	2pF	50V	UCN033CK020B-2	1	TAIYO YUDEN	
C101	CAPACITOR	CERAMIC CHIP	2pF	50V	GRM39CK020C50-PT	1	MURATA	
C102	CAPACITOR	CERAMIC CHIP	1.5pF	50V	GRM39CK1R5C50-PT	1	MURATA	
C104	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C106	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C109	CAPACITOR	TANTALUM CHIP	1uF	16V	TEMSVA21C105M-8R	1	NEC	
C110	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C112	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C123	CAPACITOR	CERAMIC CHIP	8pF	50V	GRM36CH080D50-PT	1	MURATA	
C124	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C125	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C126	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C127	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C128	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C129	CAPACITOR	CERAMIC CHIP	0.01uF	25V	GRM36B103K16-PT	1	MURATA	
C130	CAPACITOR	CERAMIC CHIP	15pF	50V	GRM36CH150J50-PT	1	MURATA	
C131	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C201	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM39CH101J50-PT	1	MURATA	
C202	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C203	CAPACITOR	CERAMIC CHIP	5pF	50V	GRM36CH050C50-PT	1	MURATA	
C204	CAPACITOR	CERAMIC CHIP	7pF	50V	GRM36CH070D50-PT	1	MURATA	
C205	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C206	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C208	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C209	CAPACITOR	CERAMIC CHIP	4pF	50V	GRM39TH040C50-PT	1	MURATA	
C210	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C211	CAPACITOR	CERAMIC CHIP	8pF	50V	GRM39TH080D50-PT	1	MURATA	
C212	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C213	CAPACITOR	CERAMIC CHIP	5pF	50V	GRM36CH050C50-PT	1	MURATA	
C214	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C215	CAPACITOR	CERAMIC CHIP	15pF	50V	GRM39CH150J50-PT	1	MURATA	
C216	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM39B103K16-PT	1	MURATA	
C219	CAPACITOR	CERAMIC CHIP	2.4pF	50V	UCN033CH2R4B-2	1	TAIYO YUDEN	
C220	CAPACITOR	CERAMIC CHIP			UCN033	0	TAIYO YUDEN	Not Used
C221	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C222	CAPACITOR	CERAMIC CHIP	5pF	50V	GRM36CH050C50-PT	1	MURATA	
C223	CAPACITOR	CERAMIC CHIP	5pF	50V	GRM39TH050C50-PT	1	MURATA	
C224	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C225	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM36CH220J50-PT	1	MURATA	
C226	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C227	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C228	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C229	CAPACITOR	CERAMIC CHIP	10pF	50V	GRM36CH100D50-PT	1	MURATA	
C230	CAPACITOR	CERAMIC CHIP	8pF	50V	GRM36CH080D50-PT	1	MURATA	
C231	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C232	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C233	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C234	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C235	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C236	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C237	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C238	CAPACITOR	CERAMIC CHIP	330pF	50V	GRM36CH331J50-PT	1	MURATA	
C241	CAPACITOR	CERAMIC CHIP	180pF	50V	GRM39UJ181J50-PT	1	MURATA	
C242	CAPACITOR	CERAMIC CHIP	24pF	50V	GRM36CH240J50-PT	1	MURATA	
C244	CAPACITOR	CERAMIC CHIP	68pF	50V	GRM36CH680J50-PT	1	MURATA	
C251	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM39CH220J50-P	1	MURATA	
C252	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C253	CAPACITOR	CERAMIC CHIP	1000uF	50V	GRM39B102K50-PT	1	MURATA	
C254	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C255	CAPACITOR	CERAMIC CHIP	39pF	50V	GRM36CH390J50-PT	1	MURATA	
C256	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C257	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C258	CAPACITOR	CERAMIC CHIP	0.01pF	50V	GRM39B103K50-PT	1	MURATA	
C259	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C260	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
C261	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM36B103K16-PT	1	MURATA	
C262	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C263	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C264	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C265	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C266	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C267	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C268	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C269	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C270	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C271	CAPACITOR	CERAMIC CHIP	0.1uF	10V	GRM36B104K10PT	1	MURATA	
C281	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C282	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C283	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C284	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C301	CAPACITOR	CERAMIC CHIP	6pF	50V	GRM36CH060D50-PT	1	MURATA	
C302	CAPACITOR	CERAMIC CHIP	6pF	50V	GRM36CH060D50-PT	1	MURATA	
C309	CAPACITOR	CERAMIC CHIP	2200pF	50V	GRM36B222K50-PT	1	MURATA	
C310	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C311	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C312	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C313	CAPACITOR	CERAMIC CHIP	0.047uF	16V	GRM39B473K16-PT	1	MURATA	
C314	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM39B104K16-PT	1	MURATA	
C315	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM39B104K16-PT	1	MURATA	
C316	CAPACITOR	TANTALUM CHIP			TEMSVA	0	NEC	Not Used
C317	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C318	CAPACITOR	TANTALUM CHIP	2.2uF	16V	TEMSVA1C225M-8R	1	NEC	
C319	CAPACITOR	TANTALUM CHIP	4.7uF	16V	TEMSVA1C475M-8R	1	NEC	
C320	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C321	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C322	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM39B102K50-PT	1	MURATA	
C331	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C333	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C334	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C335	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM39B104K16-PT	1	MURATA	
C336	CAPACITOR	CERAMIC CHIP	0.1uF	10V	GRM36B104K10-PT	1	MURATA	
C337	CAPACITOR	CERAMIC CHIP	0.1uF	10V	GRM36B104K10-PT	1	MURATA	
C338	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C339	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C341	CAPACITOR	CERAMIC CHIP	470pF	50V	GRM36B471K50-PT	1	MURATA	
C342	CAPACITOR	CERAMIC CHIP	470pF	50V	GRM36B471K50-PT	1	MURATA	
C343	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B104K10-PT	1	MURATA	
C351	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C352	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C353	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C354	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C355	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C357	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C358	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM36CH220J50-PT	1	MURATA	
C359	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM36CH220J50-PT	1	MURATA	
C360	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM36CH220J50-PT	1	MURATA	
C361	CAPACITOR	CERAMIC CHIP	15pF	50V	GRM36CH150J50-PT	1	MURATA	
C362	CAPACITOR	CERAMIC CHIP	15pF	50V	GRM36CH150J50-PT	1	MURATA	
C401	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C402	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C403	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C404	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C405	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C406	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C407	CAPACITOR	TANTALUM CHIP	2.2uF	16V	TEMSVA21C225M-8R	1	NEC	
C408	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C409	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C410	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C411	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C424	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C425	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C426	CAPACITOR	CERAMIC CHIP	0.01uF	50V	GRM39B103K50-PT	1	MURATA	
C427	CAPACITOR	TANTALUM CHIP	3.3uF	20V	TEMSVA1D335M-8R	1	NEC	
C428	CAPACITOR	CERAMIC CHIP			GRM39	0	MURATA	Not Used
C501	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C502	CAPACITOR	TANTALUM CHIP	3.3uF	10V	TEMSVA21A335M-8R	1	NEC	
C503	CAPACITOR	TANTALUM CHIP	15uF	10V	TEMSVB21A156M-8R	1	NEC	
C504	CAPACITOR	CERAMIC CHIP	0.22uF	16V	GRM39F224Z16-PT	1	MURATA	
C505	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C506	CAPACITOR	CERAMIC CHIP	0.033uF	16V	GRM39B333K16-PT	1	MURATA	
C507	CAPACITOR	CERAMIC CHIP	33pF	50V	GRM36CH330J50-PT	1	MURATA	
C508	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C509	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C510	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C511	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C512	CAPACITOR	CERAMIC CHIP	3300pF	50V	GRM39CH332K50-PT	1	MURATA	
C513	CAPACITOR	CERAMIC CHIP	3300pF	50V	GRM39CH332K50-PT	1	MURATA	
C514	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C515	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C516	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C517	CAPACITOR	CERAMIC CHIP	2200uF	50V	GRM36B222K50-PT	1	MURATA	
C518	CAPACITOR	CERAMIC CHIP	220pF	25V	GRM36CH221J25-PT	1	MURATA	
C519	CAPACITOR	CERAMIC CHIP	33pF	50V	GRM36CH330J50-PT	1	MURATA	
C520	CAPACITOR	CERAMIC CHIP	0.047uF	16V	GRM39B473K16-PT	1	MURATA	
C521	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C522	CAPACITOR	CERAMIC CHIP	33pF	50V	GRM36CH330J50-PT	1	MURATA	
C523	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C524	CAPACITOR	CERAMIC CHIP	1uF	10V	TEMSVA21A105M-8R	1	NEC	
C525	CAPACITOR	CERAMIC CHIP	6.8uF	16V	TEMSVA1C685M-8R	1	NEC	
C526	CAPACITOR	CERAMIC CHIP	0.033uF	16V	GRM39B333K16-PT	1	MURATA	
C527	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C528	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C529	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C530	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C531	CAPACITOR	TANTALUM CHIP	3.3uF	10V	TEMSVA21A335M-8R	1	NEC	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
C532	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C533	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C534	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C535	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C536	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C537	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C538	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C539	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C540	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C541	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C542	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C543	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C544	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C545	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C546	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C547	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C548	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C549	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C550	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C551	CAPACITOR	TANTALUM CHIP	6.8uF	16V	TEMSVA1C685M-8R	1	NEC	
C552	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C553	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C554	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C556	CAPACITOR	CERAMIC CHIP	3300uF	50V	GRM39B332K50-PT	1	MURATA	
C601	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C602	CAPACITOR	CERAMIC CHIP	0.1uF	25V	GRM40B104K25-PT	1	MURATA	
C603	CAPACITOR	CERAMIC CHIP	0.1uF	25V	GRM40B104K25-PT	1	MURATA	
C604	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C605	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C606	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C607	CAPACITOR	TANTALUM CHIP	15uF	10V	TEMSVB21A156M-8R	1	NEC	
C608	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C609	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C610	CAPACITOR	TANTALUM CHIP	15uF	10V	TEMSVB21A156M-8R	1	NEC	
C611	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C612	CAPACITOR	TANTALUM CHIP	15uF	10V	TEMSVB21A156M-8R	1	NEC	
C613	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C614	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C615	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM39B104K16-PT	1	MURATA	
C616	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C617	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C618	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C619	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C620	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C621	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C622	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C623	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C624	CAPACITOR	TANTALUM CHIP	10uF	10V	TEMSVA21A106M-8R	1	NEC	
C625	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C626	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C627	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C628	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C629	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C630	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C631	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C632	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C633	CAPACITOR	TANTALUM CHIP	15uF	16V	TEMSVB21C156M-8R	1	NEC	
C634	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
C635	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C701	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C702	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C703	CAPACITOR	CERAMIC CHIP	2pF	50V	GRM36CK020C50-PT	1	MURATA	
C704	CAPACITOR	CERAMIC CHIP	2pF	50V	GRM36CK020C50-PT	1	MURATA	
C705	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C706	CAPACITOR	TANTALUM CHIP	1uF	10V	TEMAVA21A105M-8R	1	NEC	
C707	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C708	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C709	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C711	CAPACITOR	CERAMIC CHIP	0.082uF	16V	GRM39B823K16PT	1	MURATA	
C712	CAPACITOR	TANTALUM CHIP	0.082uF	16V	GRM39B823K16PT	1	MURATA	
C713	CAPACITOR	TANTALUM CHIP			TEMSVA	0	NEC	Not Used
C714	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C715	CAPACITOR	TANTALUM CHIP	6.8uF	16V	TEMSVA1C685M-8R	1	NEC	
C716	CAPACITOR	CERAMIC CHIP	0.1uF	25V	GRM40B104K25-PT	1	MURATA	
C719	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C720	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C721	CAPACITOR	CERAMIC CHIP			GRM36	0	MURATA	Not Used
C722	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
C723	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C724	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C725	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C726	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C727	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C728	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C729	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C730	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C731	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C732	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C733	CAPACITOR	CERAMIC CHIP	22pF	50V	GRM36CH220J50-PT	1	MURATA	
C734	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C735	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C736	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C737	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C738	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C739	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C740	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C741	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C742	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C743	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C744	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
C745	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C746	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C747	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C748	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C749	CAPACITOR	CERAMIC CHIP	47pF	50V	GRM36CH470J50-PT	1	MURATA	
C751	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C752	CAPACITOR	TANTALUM CHIP	1uF	16V	TEMSVA1C105M-8R	1	NEC	
C753	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C754	CAPACITOR	CERAMIC CHIP	0.01uF	16V	GRM36B103K16-PT	1	MURATA	
C755	CAPACITOR	CERAMIC CHIP	330pF	50V	GRM36B331K50-PT	1	MURATA	
C756	CAPACITOR	CERAMIC CHIP	1000pF	50V	GRM36B102K50-PT	1	MURATA	
CP31	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
CP32	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
CP33	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
CP41	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
CR11	DIODE				HVU131-TRF	1	HITACHI	
CR14	DIODE				HSU88-TRF	1	HITACHI	
CR15	DIODE				HSU88-TRF	1	HITACHI	
CR16	DIODE				HVU131-TRF	1	HITACHI	
CR17	DIODE				HVU131-TRF	1	HITACHI	
CR201	DIODE				HSM276S R	1	HITACHI	
CR202	DIODE				MA77-TL	1	MATSUSHITA	
CR203	DIODE				HSM276S R	1	HITACHI	
CR204	DIODE				(HSM276S R)	0	HITACHI	Not Used
CR251	DIODE				HVC358BTRF	1	HITACHI	
CR301	DIODE				RD2.2UH	1	NEC	
CR302	DIODE				RD2.2UH	1	NEC	
CR341	DIODE				MA133-TX	1	MATSUSHITA	
CR601	DIODE				MA133-TX	1	MATSUSHITA	
CR602	DIODE				(MA133-TX)	0	MATSUSHITA	Not Used
CR603	DIODE				MURS110T3110	1	MOTOROLA	
CR701	DIODE ARRAY				NNCD3.9G-T1B	1	NEC	
CR702	DIODE ARRAY				NNCD3.9G-T1B	1	NEC	
CR703	DIODE ARRAY				NNCD3.9G-T1B	1	NEC	
CR704	DIODE ARRAY				NNCD12F-T1B	1	NEC	
CR705	LED				LT1ED67A	1	SHARP	
CR706	DIODE				DAP222-TL	1	ROHM	
CR707	DIODE				(HSU88-TRF)	0	HITACHI	Not Used
CR708	DIODE				HSU88-TRF	1	HITACHI	
F600	FUSE				451004	1	LITTELFUSE	
FL231	FILTER	CRYSTAL FILTER 55.05MHz			TS2-55F01	1	TOYOCOM	
FL261	FILTER	CERAMIC FILTER	450kHz		SFPC450E-TC	1	MURATA	
FL262	FILTER	CERAMIC FILTER	450kHz		SFPC450G-TC	1	MURATA	
FL263	FILTER	CERAMIC FILTER	450kHz		SFPC450E-TC	1	MURATA	
J1	PIN CONTACT UNIT				G4UK05552(CG0-5820-1267H)	1	YOKOWO	
J2	CONNECTOR				DFJ-RC020-S93174	1	DDK	
J3	CONTACT UNIT				3100089(SF4025)	1	T&B	
J4	CONTACT UNIT				3100089(SF4025)	1	T&B	
L11	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L13	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L21	INDUCTOR	INDUCTOR CHIP	100nH		LL1608-FHR10J	1	TOKO	
L22	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L23	INDUCTOR	INDUCTOR CHIP	100nH		LL1608-FHR10J	1	TOKO	
L31	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L32	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L41	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L42	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L43	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L51	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L52	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L53	INDUCTOR				0.32-1.4-6t	1	UCHIDA	
L101	INDUCTOR	INDUCTOR CHIP	100nH		LQN21AR10J04PT	1	MURATA	
L102	INDUCTOR	CHIP EMIFIL	30 OHM		BLM21P300SPT	1	MURATA	
L104	INDUCTOR				0.32-1.4-3t	1	UCHIDA	
L122	INDUCTOR	INDUCTOR CHIP	15nH		LL1608-FH15NJ	1	TOKO	
L123	INDUCTOR	INDUCTOR CHIP	6.8nH		LL1608-FH6N8J	1	TOKO	
L124	INDUCTOR	INDUCTOR CHIP	100nH		LL1608-FHR10J	1	TOKO	
L125	INDUCTOR	CHIP EMIFIL	30 OHM		BLM11P300SPT	1	MURATA	
L201	INDUCTOR	INDUCTOR CHIP	18nH		LL1608-FH18NJ	1	TOKO	
L202	INDUCTOR	INDUCTOR CHIP	18nH		LL1608-FH18NJ	1	TOKO	
L204	INDUCTOR	INDUCTOR CHIP	560nH		MLF2012DR56KT	1	TDK	
L205	INDUCTOR	INDUCTOR CHIP	680nH		MLF2012DR68KT	1	TDK	
L206	INDUCTOR	INDUCTOR CHIP	820nH		MLF2012DR82KT	1	TDK	
L207	INDUCTOR	INDUCTOR CHIP	820nH		MLF1608DR82KT	1	TDK	
L210	INDUCTOR	INDUCTOR CHIP			MLF1608	0	TDK	Not Used
L213	INDUCTOR		47nH		LL2012-FH47NJ	1	TOKO	
L214	INDUCTOR	CHIP EMIFIL	18nH		LL1608-FH18NJ	1	TOKO	
L215	INDUCTOR	CHIP EMIFIL	22nH		LL1608-FH22NJ	1	TOKO	
L221	INDUCTOR	INDUCTOR CHIP	15nH		LL1608-FH15NJ	1	TOKO	
L222	INDUCTOR	INDUCTOR CHIP	27nH		LL1608-FH27NJ	1	TOKO	
L223	INDUCTOR	INDUCTOR CHIP	12nH		LL1608-FH12NJ	1	TOKO	
L241	INDUCTOR	INDUCTOR CHIP	470uH		LQH4N471K04	1	MURATA	
L251	INDUCTOR	INDUCTOR CHIP	330nH		LL2012-FHR33J	1	TOKO	
L311	INDUCTOR	INDUCTOR CHIP	18nH		LL1608-FH18NJ	1	TOKO	
L401	INDUCTOR	CHIP EMIFIL	30 OHM		BLM21P300SPT	1	MURATA	
L402	INDUCTOR	CHIP EMIFIL	30 OHM		BLM21P300SPT	1	MURATA	
Q102	FET				2SK3077(TE85L)	1	TOSHIBA	
Q201	TRANSISTOR				2SC5007-T1	1	NEC	
Q202	TRANSISTOR				2SC4226-T1-R24	1	NEC	
Q203	TRANSISTOR				2SC4226-T1-R24	1	NEC	
Q204	TRANSISTOR				DTC114YE-TL	1	ROHM	
Q205	TRANSISTOR				2SC5006-T1	1	NEC	
Q301	TRANSISTOR				2SC2462LCTL	1	HITACHI	
Q401	TRANSISTOR				UMC5N-TR	1	ROHM	
Q402	TRANSISTOR				UMC5N-TR	1	ROHM	
Q403	TRANSISTOR				UMC5N-TR	1	ROHM	
Q404	TRANSISTOR				2SB1215S-FA-TL	1	SANYO	
Q405	TRANSISTOR				2SC2462LCTL	1	HITACHI	
Q406	TRANSISTOR				DTC144EE-TL	1	ROHM	
Q501	TRANSISTOR				2SC4116-TE85R	1	TOSHIBA	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
Q701	TRANSISTOR				UMG2N-TR	1	ROHM	
Q704	TRANSISTOR				2SC2462LCTL	1	HITACHI	
Q705	FET				2SJ484-WY-TR	1	HITACHI	
Q706	TRANSISTOR				UMC5N-TR	1	ROHM	
Q707	TRANSISTOR				2SC4116-TE85R	1	TOSHIBA	
Q710	TRANSISTOR				(2SC2462LCTL)	0	HITACHI	Not Used
R21	RESISTOR	METAL CHIP	330 OHM	0.1W	MCR10EZHJ331	1	ROHM	
R22	RESISTOR	METAL CHIP	330 OHM	0.1W	MCR10EZHJ331	1	ROHM	
R26	RESISTOR	METAL CHIP	39 OHM	0.1W	MCR03EZHJ390	1	ROHM	
R27	RESISTOR	METAL CHIP			MCR03	0	ROHM	Not Used
R28	RESISTOR	METAL CHIP	4.7 KOHM	0.1W	MCR03EZHJ472	1	ROHM	
R31	RESISTOR	METAL CHIP	4.7 KOHM	0.1W	MCR03EZHJ472	1	ROHM	
R102	RESISTOR	METAL CHIP	220 OHM	0.1W	MCR03EZHJ221	1	ROHM	
R103	RESISTOR	METAL CHIP	0 OHM	0.1W	MCR03EZHJ000	1	ROHM	
R122	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R123	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R124	RESISTOR	METAL CHIP	47 OHM	0.06W	MCR01MZSJ470	1	ROHM	
R125	RESISTOR	METAL CHIP	22 OHM	0.06W	MCR01MZSJ220	1	ROHM	
R126	RESISTOR	METAL CHIP	15 OHM	0.1W	MCR03EZHJ150	1	ROHM	
R127	RESISTOR	METAL CHIP	330 OHM	0.1W	MCR03EZHJ331	1	ROHM	
R128	RESISTOR	METAL CHIP	330 OHM	0.1W	MCR03EZHJ331	1	ROHM	
R201	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R202	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R203	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R204	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R205	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R206	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R208	RESISTOR	METAL CHIP	0 OHM	0.1W	MCR03EZHJ000	1	ROHM	
R219	RESISTOR	METAL CHIP	680 OHM	0.06W	MCR01MZSJ681	1	ROHM	
R220	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R221	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R222	RESISTOR	METAL CHIP	10 OHM	0.06W	MCR01MZSJ100	1	ROHM	
R223	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R231	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R233	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R234	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R241	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R251	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R252	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R254	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R255	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R256	RESISTOR	METAL CHIP	2.2 KOHM	0.1W	MCR03EZHJ222	1	ROHM	
R257	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R258	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R259	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R260	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R261	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R262	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R263	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R264	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R265	RESISTOR	METAL CHIP	220 KOHM	0.06W	MCR01MZSJ224	1	ROHM	
R266	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R267	RESISTOR	METAL CHIP	47 OHM	0.06W	MCR01MZSJ470	1	ROHM	
R268	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R269	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R301	RESISTOR	METAL CHIP	15 OHM	0.06W	MCR01MZSJ150	1	ROHM	
R302	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R303	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R304	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R305	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R306	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R307	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R310	RESISTOR	METAL CHIP	1.5 KOHM	0.06W	MCR01MZSJ152	1	ROHM	
R312	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R313	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R314	RESISTOR	METAL CHIP	1.5 KOHM	0.06W	MCR01MZSJ152	1	ROHM	
R315	RESISTOR	METAL CHIP	1.5 KOHM	0.06W	MCR01MZSJ152	1	ROHM	
R316	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R317	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R319	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R320	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R322	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R325	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R332	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R333	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R334	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R335	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R336	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R337	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R341	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R342	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R343	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R344	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R351	RESISTOR	METAL CHIP	47 OHM	0.06W	MCR01MZSJ470	1	ROHM	
R352	RESISTOR	METAL CHIP	10 OHM	0.06W	MCR01MZSJ100	1	ROHM	
R353	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R354	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R355	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R356	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R357	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R426	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R427	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R428	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R429	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R430	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R431	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R432	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R433	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R434	RESISTOR	METAL CHIP	1.5 KOHM	0.06W	MCR01MZSJ152	1	ROHM	
R435	RESISTOR	METAL CHIP	100 OHM	0.1W	MCR03EZHJ101	1	ROHM	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
R436	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R437	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R438	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R439	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R440	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R441	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R442	RESISTOR	METAL CHIP			MCR03	0	ROHM	Not Used
RT443	RESISTOR	THERMISTOR			(TN203H103KT)	0	MMC	Not Used
R501	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R502	RESISTOR	METAL CHIP	56 KOHM	0.06W	MCR01MZSJ563	1	ROHM	
R503	RESISTOR	METAL CHIP	47 KOHM	0.06W	MCR01MZSJ473	1	ROHM	
R504	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R505	RESISTOR	METAL CHIP	220 KOHM	0.06W	MCR01MZSJ224	1	ROHM	
R506	RESISTOR	METAL CHIP	220 KOHM	0.06W	MCR01MZSJ224	1	ROHM	
R507	RESISTOR	METAL CHIP	47 KOHM	0.06W	MCR01MZSJ473	1	ROHM	
R508	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R509	RESISTOR	METAL CHIP	47 KOHM	0.06W	MCR01MZSJ473	1	ROHM	
R510	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R511	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R512	RESISTOR	METAL CHIP	200 KOHM	0.06W	MCR01MZSJ204	1	ROHM	
R513	RESISTOR	METAL CHIP	56 KOHM	0.06W	MCR01MZSJ563	1	ROHM	
R514	RESISTOR	METAL CHIP	470 KOHM	0.06W	MCR01MZSJ474	1	ROHM	
R515	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R516	RESISTOR	METAL CHIP	470 KOHM	0.06W	MCR01MZSJ474	1	ROHM	
R517	RESISTOR	METAL CHIP	470 KOHM	0.06W	MCR01MZSJ474	1	ROHM	
R518	RESISTOR	METAL CHIP	220 KOHM	0.06W	MCR01MZSJ224	1	ROHM	
R519	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R520	RESISTOR	METAL CHIP	47 KOHM	0.06W	MCR01MZSJ473	1	ROHM	
R521	RESISTOR	METAL CHIP	47 KOHM	0.06W	MCR01MZSJ473	1	ROHM	
R522	RESISTOR	METAL CHIP	680 KOHM	0.06W	MCR01MZSJ684	1	ROHM	
R523	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R524	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R525	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R526	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R527	RESISTOR	METAL CHIP	15 KOHM	0.06W	MCR01MZSJ153	1	ROHM	
R528	RESISTOR	METAL CHIP	56 KOHM	0.06W	MCR01MZSJ563	1	ROHM	
R529	RESISTOR	METAL CHIP	56 KOHM	0.06W	MCR01MZSJ563	1	ROHM	
R530	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R531	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R532	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R533	RESISTOR	METAL CHIP	56 KOHM	0.06W	MCR01MZSJ563	1	ROHM	
R534	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R535	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R536	RESISTOR	METAL CHIP	560 OHM	0.06W	MCR01MZSJ561	1	ROHM	
R537	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R538	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R539	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R540	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R541	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R542	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R543	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R544	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R545	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R546	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R547	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R548	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R549	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R550	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R551	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R552	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R553	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R554	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R555	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R556	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R557	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R558	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R559	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R560	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R561	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R562	RESISTOR	METAL CHIP	2.2 KOHM	0.06W	MCR01MZSJ222	1	ROHM	
R563	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R564	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R565	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R566	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R571	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R572	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R573	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R574	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R601	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R602	RESISTOR	METAL CHIP	2.2 OHM	0.06W	MCR01MZSJ2R2	1	ROHM	
R603	RESISTOR	METAL CHIP	2.2 OHM	0.06W	MCR01MZSJ2R2	1	ROHM	
R604	RESISTOR	METAL CHIP	4.7 OHM	0.06W	MCR01MZSJ4R7	1	ROHM	
R605	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R606	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R607	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R608	RESISTOR	METAL CHIP	470 KOHM	0.06W	MCR01MZSJ474	1	ROHM	
R609	RESISTOR	METAL CHIP	100 OHM	0.1W	MCR03EZJ101	1	ROHM	
R610	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R611	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R612	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R613	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R614	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R615	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R616	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R617	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R618	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R619	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R620	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R621	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R622	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	

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SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
R623	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R624	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R625	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R626	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R627	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R628	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R629	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R630	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R631	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R632	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R633	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R634	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R635	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R636	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R637	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R638	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R639	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R640	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R641	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R642	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R643	RESISTOR	METAL CHIP	330.0 KOHM	0.06W	MCR01MZSF3303	1	ROHM	
R644	RESISTOR	METAL CHIP	100.0 KOHM	0.06W	MCR01MZSF1003	1	ROHM	
R645	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R646	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R647	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R648	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R649	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R650	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R651	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R652	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R653	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R654	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R655	RESISTOR	METAL CHIP	100 KOHM	0.1W	MCR03EZHJ104	1	ROHM	
R656	RESISTOR	METAL CHIP	3.3 KOHM	0.1W	MCR03EZHJ332	1	ROHM	
R657	RESISTOR	METAL CHIP	100.0 KOHM	0.06W	MCR03EZHJ1003	1	ROHM	
R658	RESISTOR	METAL CHIP	100.0 KOHM	0.06W	MCR03EZHJ1003	1	ROHM	
R659	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R701	RESISTOR	METAL CHIP	2.2 OHM	0.06W	MCR01MZSJ2R2	1	ROHM	
R702	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R703	RESISTOR	METAL CHIP	330 OHM	0.06W	MCR01MZSJ331	1	ROHM	
R704	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R705	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R706	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R707	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R708	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R709	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R710	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R711	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R712	RESISTOR	METAL CHIP	1 MOHM	0.06W	MCR01MZSJ105	1	ROHM	
R713	RESISTOR	METAL CHIP	150 OHM	0.06W	MCR01MZSJ151	1	ROHM	
R714	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R715	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R716	RESISTOR	METAL CHIP	6.8 KOHM	0.06W	MCR01MZSJ682	1	ROHM	
R717	RESISTOR	METAL CHIP	68 KOHM	0.06W	MCR01MZSJ683	1	ROHM	
R718	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R719	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R720	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R721	CAPACITOR	CERAMIC CHIP	0.1uF	10V	GRM36B104K10PT	1	MURATA	
R722	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R723	RESISTOR	METAL CHIP	4.7 KOHM	0.06W	MCR01MZSJ472	1	ROHM	
R724	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R725	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R726	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R727	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R728	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R729	RESISTOR	METAL CHIP	22 KOHM	0.06W	MCR01MZSJ223	1	ROHM	
R730	RESISTOR	METAL CHIP	2.2 OHM	0.1W	MCR03EZHJ2R2	1	ROHM	
R731	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R737	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R738	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R739	RESISTOR	METAL CHIP	560 OHM	0.06W	MCR01MZSJ561	1	ROHM	
R740	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R741	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R742	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R743	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R744	RESISTOR	METAL CHIP	0 OHM	0.06W	MCR01MZSJ000	1	ROHM	
R745	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R746	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R747	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R748	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R749	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R750	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R751	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR03EZHJ101	1	ROHM	
R752	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R753	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R756	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R757	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R758	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R759	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R760	RESISTOR	METAL CHIP	10 OHM	0.1W	MCR03EZHJ100	1	ROHM	
R761	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R762	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R763	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R764	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R765	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R766	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R767	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R768	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	
R769	RESISTOR	METAL CHIP	220 OHM	0.06W	MCR01MZSJ221	1	ROHM	
R770	RESISTOR	METAL CHIP	100 OHM	0.06W	MCR01MZSJ101	1	ROHM	

REVISION

(RF : G4UD06396 Rev.0 , LOGIC : G4UD06397 Rev.0)

SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q'ty	VENDOR NAME	REMARKS
R772	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R773	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R774	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R775	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R776	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R777	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R778	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R779	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R780	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R781	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R782	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R783	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R784	RESISTOR	METAL CHIP	1 KOHM	0.06W	MCR01MZSJ102	1	ROHM	
R785	RESISTOR	METAL CHIP	470 OHM	0.06W	MCR01MZSJ471	1	ROHM	
R787	RESISTOR	METAL CHIP	330 KOHM	0.06W	MCR01MZSJ334	1	ROHM	
R788	RESISTOR	METAL CHIP		0.06W	MCR01	0	ROHM	Not Used
R789	RESISTOR	METAL CHIP	100 KOHM	0.06W	MCR01MZSJ104	1	ROHM	
R790	RESISTOR	METAL CHIP	33 KOHM	0.06W	MCR01MZSJ333	1	ROHM	
R791	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
R792	RESISTOR	METAL CHIP	10 KOHM	0.06W	MCR01MZSJ103	1	ROHM	
S701	BATON SWITCH				SKHLLFFA010	1	ALPS	
S702	BATON SWITCH				SKHLLFFA010	1	ALPS	
S703	BATON SWITCH				SKHLLFFA010	1	ALPS	
U101	P.A.				M68732SHA-01	1	MITSUBISHI	
U102	MICROCIRCUIT	AMP			uPC2710T-E3	1	NEC	
U201	INTEGRATED CIRCUIT	MIXER FM IF SYSTEM			TA31137FN(EL)	1	TOSHIBA	
U202	MICROCIRCUIT	ANALOG SW			HD74HC4066TELL	1	HITACHI	
U301	MICROCIRCUIT	FREQ.SYNTH.			MB15U10PFV-G-BND	1	FUJITSU	
U302	MICROCIRCUIT	ANALOG SW			HD74HC4066TELL	1	HITACHI	
U303	OP-AMP				NJM2904V-TE1	1	JRC	
U304	MICROCIRCUIT				TC7W04FU-TE12L	1	TOSHIBA	
U401	MICROCIRCUIT	REGULATOR IC			TK11255BMCL	1	KOA	
U402	OP-AMP				NJM2904V-TE1	1	JRC	
U500	MICROCIRCUIT	ASP			AK2344	1	AKM	
U501	OP-AMP				NJM2904V-TE1	1	JRC	
U502	AUDIO AMP				TC7W53FUTE12L	1	TOSHIBA	
U503	MICROCIRCUIT	ANALOG SW			HD74HC4066TELL	1	HITACHI	
U600	MICROCIRCUIT	EEPROM			SST39VF512-90-4I-WH	1	SST	
U601	MICROCIRCUIT	EEPROM			HN58X2416FP	1	HITACHI	
U602	MICROCIRCUIT	REGULATOR IC			TK11233BMCL	1	TOKO	
U603	MICROCIRCUIT	REGULATOR IC			TK11250BMCL	1	TOKO	
U604	MICROCIRCUIT				S-80827ANNP	1	SHI	
U605	MICROCIRCUIT				S-80827ANNP	1	SHI	
U700	MICROCIRCUIT	CPU			H8S/2340(HD6412340FA101)	1	HITACHI	
U701	OP-AMP				AN7511	1	MATSUSHITA	
U702	MICROCIRCUIT				TC7W74FU-TE12L	1	TOSHIBA	
VR301	RESISTOR				MVR22HXB RN103	1	ROHM	
VR302	RESISTOR				MVR22HXB RN103	1	ROHM	
Y701	CRYSTAL OSCILLATOR					1	RIVER	
Z22	DIRECTIONAL COUPLER				DCS3E20-0450-TR	1	MKT TAISEI	
Z201	MIXER				SKT-1MSB55	1	MKT TAISEI	
Z301	OSCILLATOR				VC025454-0463	1	MKT TAISEI	
Z302	VC-TCXO				VC-TCXO-204C2(G4UD05584)	1	KSS	
Z701	MICROPHONE				KUC3523-040233	1	HOSHIDEN	
Z702	SPEAKER				SU-50WB1601(G4UD05182)	1	LINE ELECTRIC	

PARTS LIST : PANTHER 300P UHF-H SUB BOARD

(G4UD05367 , Rev.3)

SYMBOL	PARTS NAME	PARTS DESCRIPTION	FUNCTION DESIGNATION		VENDOR ITEM NBR	Q' ty	VENDOR NAME	REMARKS
C10	CAPACITOR	TANTALUM CHIP	10uF	16V	TEMSVB21C106M-8R	1	NEC	
C11	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C12	CAPACITOR	TANTALUM CHIP	10uF	16V	TEMSVB21C106M-8R	1	NEC	
C13	CAPACITOR	CERAMIC CHIP	0.1uF	16V	GRM36F104Z16-PT	1	MURATA	
C14	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C15	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C16	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C17	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C18	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C19	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
C20	CAPACITOR	CERAMIC CHIP	100pF	50V	GRM36CH101J50-PT	1	MURATA	
L10	INDUCTOR	CHIP EMIFIL	1000 OHM		BLM11A102SPT	1	MURATA	
P2	CONNECTOR				DFJ-PC020-S93180	1	DDK	
J5	CONNECTOR				LGA2519-3200	1	SMK	
R10	RESISTOR	METAL CHIP	1.5 OHM	0.25W	MCR18EZHJ1R5	1	ROHM	
R11	RESISTOR	METAL CHIP	1.5 OHM	0.25W	MCR18EZHJ1R5	1	ROHM	
SW1	VR SWITCH				TP96N00N(G4UD05167)	1	TOCOS	
SW2	ROTARY SWITCH				DR-AR16HB(G4UD05181)	1	NKK	