# TOYOTA **AUDIO COMPONENT SERVICE MANUAL**





### **CQ-TS7471A**

AM/FM/RDS MPX ELECTRONIC TUNING RADIO with CD Player

TOYOTA PART No. 86120-12880

ID CODE: 58816

VEHICLE: COROLLA

DESTINATION: Europe

PRODUCED AFTER: Apr., 2004

#### **Specifications**

General

Power Supply DC 12V

Test Voltage 14.4V

Negative Ground

Current Consumption Less than 3.0A (at 0.5W)

FM Stereo Radio

Frequency Range 87.50 - 108MHz
Effective Sensitivity Less than 14dB/µV
Signal to Noise Ratio More than 46dB

LW Radio

Frequency Range 153 - 279Hz Effective Sensitivity 43dB/ $\mu$ V

Signal to Noise Ratio More than 42dB

MW Radio

Frequency Range 522 - 1611Hz Effective Sensitivity 34dB/ $\mu$ V Signal to Noise Ratio More than 42dB

CD Player (YGFD15269)

Signal to Noise Ratio More than 65dB
Total Harmonic Distortion Less than 0.3%
Channel Separation More than 70dB

Dimensions\*\* 178×100×136mm(W×H×D)

Weight\*\* 2000g

- \* Specifications and the design are subject to possible modification without notice due to improvements.
- \*\* Dimensions and Weight shown are approximate.
  - · Above specifications comply with EIA standards.

PUB. No. 80677

Manufactured for TOYOTA by Matsushita Electric Industrial Co., Ltd.

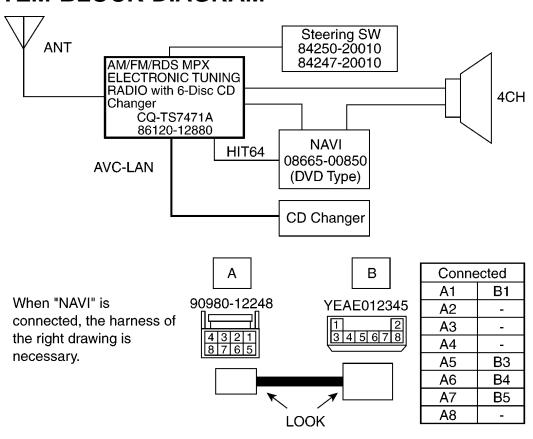
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#### 1 FEATUERS

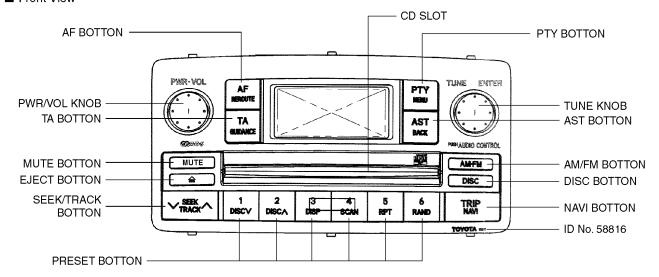
- TOYOTA AVC-LAN
- 10-Pro Tuner Pack
- 24-station preset (18-FM, 6-AM)
- RDS (Radio Data System)
- LCD Module
- Escutcheon Color : Black
- The corner of the view is27°
- CD changer control
- Compatible with Audio CD, CD-R and CD-RW

#### 2 SYSTEM BLOCK DIAGRAM

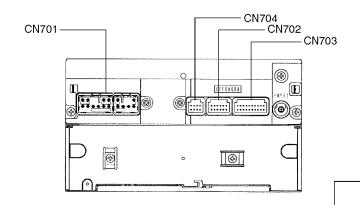


#### VIEW AND CONNECTORS

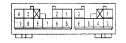
#### ■ Front View



#### Rear View



#### CN701 10P+6P CONNECTOR

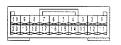


- (FR⊕) 1. Front Signal Output, Right + 2. Front Signal Output, Left + (FL(+))
- (ACC) 3. Power Supply, ACC 4. Power Supply, +B (⊕ B)
- 5. Front Signal Output, Right (-) (FR(-)) 6. Front Signal Output, Left (-) (FL(-))
- 7. Ground
- 8. N.C
- 9. Power Supply, AMP (+) (AMP⊕) (ILL⊕) 10. Illumination (+)
- 1. Rear Signal Output, Right + (RR(+)) 2. Rear Signal Output, Left +
- (RL⊕) (RR⊙) 3. Rear Signal Output, Right (-) (TLMT)
- 4. Tel Mute 5. N.C
- 6. Rear Signal Output, Left (-)

(GND)

(RLO)

#### CN703 20P CONNECTOR



- 1. Engine Type Ver.1 Input (VER1) 2. Engine Type Ver.3 Input (VER3)
- 3. Engine Type Ver.5 Input (VER5)
- 4. Outside Temperature Signal ⊕ (TH⊕) 5. Outside Temperature Signal (TH (-))
- 6. SW Ground (SWGND) 7. Steering SW1 (SW1)
- 8. Steering SW2 (SW2) 9. Bus Communication (+) (TX1⊕) 10. Bus Communication (-)
- (TX1(-)) 11. Engine Type Ver.2 Input (VER2) 12. Engine Type Ver.4 Input (VER4)
- 13. N.C
- 14. N.C
  - 15. Speed Pulse Input (SPD) 16. Ground (GND)
  - 17. TAUB (TAUB) 18. Injecter Drive Signal Input (TAU) 19. Ignition Pulse Input (IG)
  - 20. N.C

#### CN704 8P CONNECTOR



- 1. BUS Request Output (BRQ)
- 2. N.C
- 3. N.C
- 4. N.C
- 5. Signal Ground (S GND)
- 6. HIT64 Communication (HIT(-)) 7. HIT64 Communication (HIT(+))
- 8. N.C

#### CN702 12P CONNECTOR

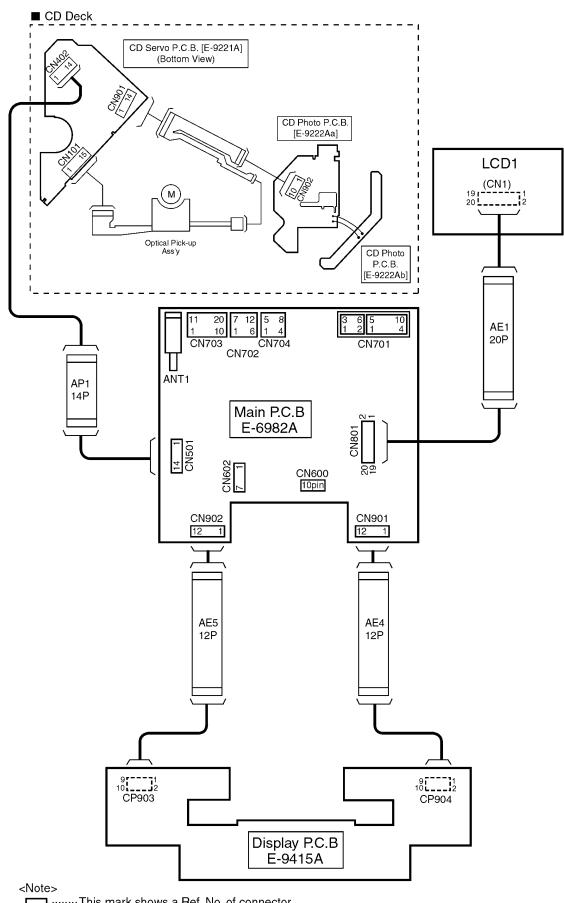


- 1. Shild Ground (SLD) 2. Signal Input Right (+) (R ⊕)
- 3. Signal Input Right (-) (R 🕘)
- 4. Signal Input Left  $\oplus$ (L ⊕) 5. Signal Input Left (-) (L () (MUTE)
- 6. Mute Control 7. Ground 8. N.C
- 9. Bus Communication (+) (TX ⊕) 10. Bus Communication (-) (TX 🕘)

(GND)

11. Power Supply, ACC (ACC) 12. Power Supply, +B (⊕B)

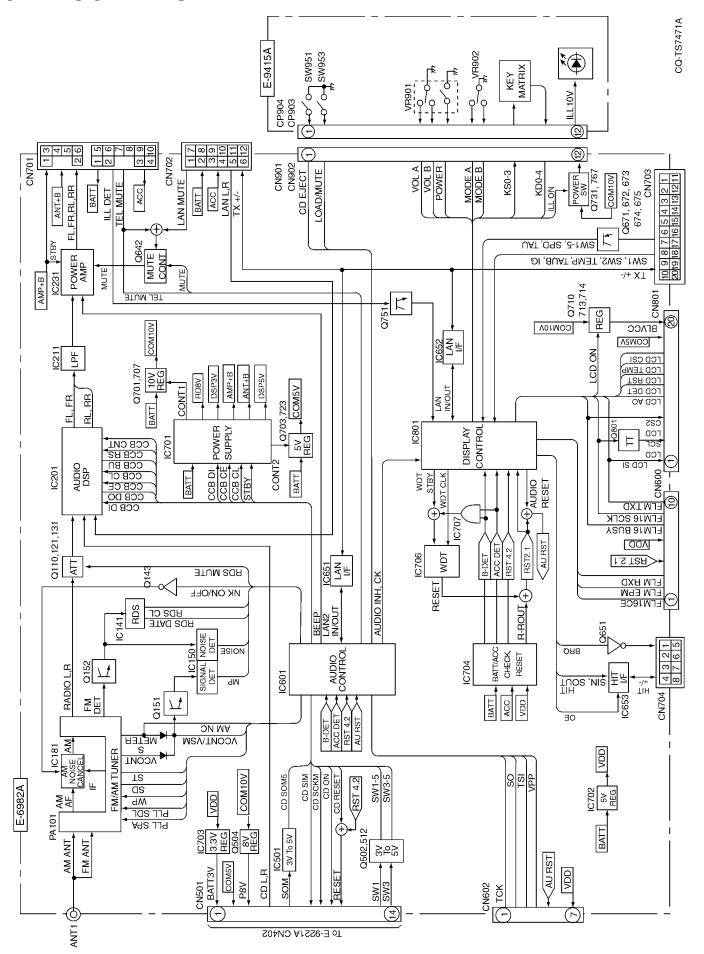
## WIRING CONNECTION



......This mark shows a Ref. No. of connector.

::::3 ······· This mark shows a mounting position of connector.

#### **5 BLOCK DIAGRAM**



## **6 TERMINALS DESCRIPTION**

#### 6.1. Main Block

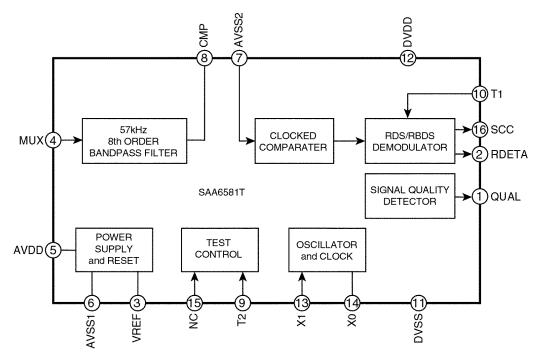
IC601 : C2CBKH000103

IC601 : C2CBKH000103						
Pin	Port	Descriptions	1/0		(V)	
No.				FM	AM	CD
2	BEEP NC	No connection	-	0	0	0
3	NC	No connection	_	-	-	-
4	SW3-5	CD Mute	1/0	4.8	4.9	0
5	NC	No connection	-	-	-	-
6	CD-ON	CD.C controller enable	0	0	0	4.9
7	CD-RESET	CD.C reset	0	4.9	5.0	5.0
8	CD-SCKM	CD.C shift clock	0	0	0	4.9
9	CD-SOM	CD serial data input	I	4.9	4.9	1.5
10	CD-SIM	CD serial data output	0	4.9	4.9	4.9
11	RESET XT2(NC)	Reset No connection		4.9	4.9	5.0
13	XT1	Ground	I	0	0	0
14	GND	Ground	-	0	0	0
15	X2	Crystal oscillator	-	1.8	1.8	1.8
		terminal	_			
16	X1	Crystal oscillator terminal	I	1.5	1.5	1.5
17	REGOFF	Ground	-	0	0	0
-	REGCPU	Capacitor terminal	-	3.6	3.6	3.6
19	VDD0	+5V power supply	-	4.9	5.0	5.0
-	NC	No connection	-		-	-
21	GREEN(NC)	No connection	_	-	-	<u>-</u>
	RED(NC) Phanton	No connection (Ground Pull-down)	-	0	0	0
24	MODE	Ground Pull-down)	_ 	4.9	4.9	5.0
25	NC	No connection	-	-	-	-
26	LOAD	Loading Detection	-	4.9	4.9	4.9
27	MODE-A	Mode encoder data	0	4.9	4.9	4.9
28	MODE-B	Mode encoder data	0	4.9	4.9	4.9
29	VOL-A	Volume encoder data	0	4.9	4.9	4.9
30	VOL-B	Volume encoder data	0	4.9	4.9	4.9
31	NC	No connection	-	-		-
32	AUDIO-CK	Audio clock	0	1.5	1.5	1.5
33	AUDIO-INH LCD-SCK	Audio enable LCD serial clock	0	4.9 0	5.0	0
35	LCD-DATA	LCD serial data	ī	4.8	4.9	4.8
36	LCD-STB	LCD CE data	0	0	0	0
37	LCD-REQ	LCD data	0	0	0	0
38	NC	No connection	-	-	-	-
39	LCD-RESET	LCD Reset	0	0	0	0
40	GND	Ground	-	0	0	0
41	VDD	+5V power supply	-	4.9	5.0	5.0
42	-	-	-	-	-	-
43	STBY CCB-DI	Stand-by CCB Data input	I		5.0	5.0 4.9
45	CCB-DI	CCB Data Input	0		0.5	
46	CCB-CL	CCB serial clock	I		5.0	4.9
47	CCB-CE	CCB chip enable	I	0	0	0
48	CCB-RS	CCB RS	0	4.9	5.0	5.0
49	CCB-BU	CCB bus	I		0.5	0.5
<b>—</b>	CCB-CNT	CCB control	I	4.9		0
51	NC	No connection	-	-	- 4 0	- 1 0
-	MP	SD signal	0		4.9	4.8
	PLL-SDA	PLL serial data	1/0	4.9		4.8
	PLL-SCL	PLL serial clock	0	4.9	5.0	5.0
	ST	FM stereo detection	I	4.9		4.8
57	NC	No connection	-	-	-	-
58	NK ON/OFF	AM noise cancellor on/off	-	4.8	0	0
59	NC	No connection	-	-	-	-
60	TEL MUTE	TEL Mute	-	4.9	4.9	4.9
-	MUTE	Mute	-	0	0	0
62	NC	No connection	-	-	-	-
-	NC NC	No connection	_	-	-	-
-	NC RDS CL	No connection RDS clock	0		2.4	2.4
	RDS CL RDS DATA	RDS data	I		2.7	2.5
				· · ·		

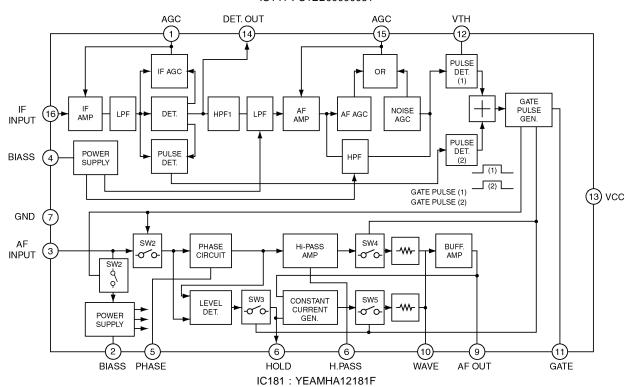
	ı					
Pin	n Port Descriptions		I/O		(V)	
				FM	AM	CD
<u> </u>	NC	No connection	-	-	-	-
	RDS MUTE	RDS Mute	0	5.0	5.0	0
69	NC	No connection	-	-	-	-
70	NC	No connection	-	-	-	-
71	NC	No connection	-	-	-	-
72	NC	No connection	-	-	-	-
73	TEST(FLASH VPP)	(Ground pull-down)	-	0	0	0
74	ACC-IN	Temperature sensor	-	0	1.4	0
75	VCONT (VSM)	Field intensity detection	I	0.6	1.1	0.6
76	MP	-	I	0	0	0
77	NOISE	FM noise detection	I	1.4	0	1.4
78	NC	No connection	-	-	1	-
79	NC	No connection	-	-	-	-
80	NC	No connection	-	-	-	-
81	NC	No connection	-	-	-	-
82	VDD	+5V power supply	-	5.0	5.0	5.0
83	AVDD	+5V power supply	-	4.9	4.9	4.9
84	GND (AVSS)	Ground	-	0	0	0
85	LAN IN	LAN data input	I	0	0	0
86	LAN OUT	LAN data output	0	0	0	0
87	GND	Ground	-	0	0	0
88	CD EJ	CD Eject	I	4.9	4.9	4.9
89	NC	(Ground Pull-down)	-	0	0	0
90	PACK(SW)	-	I	4.9	4.9	0
91	+B-DET	Battery detection	I	4.9	4.9	4.9
92	ACC-DET	ACC detection	I	4.9	4.9	4.9
93	RESET 4.2	-	I	4.9	4.9	4.9
94	TSO(SUBC)	CD text serial data input	I	0	0	0
95	so	Serial data output	0	0	0	0
96	TSI	CD text serial data output	0	0	0	0
97	TCK(SBCK)	CD text serial clock	0	0	0	0
98	TSTB	CD text TSTB No	I	0	0	0
99	NC	No connection	-	-	-	-
100	NC	No connection	-	-	-	-

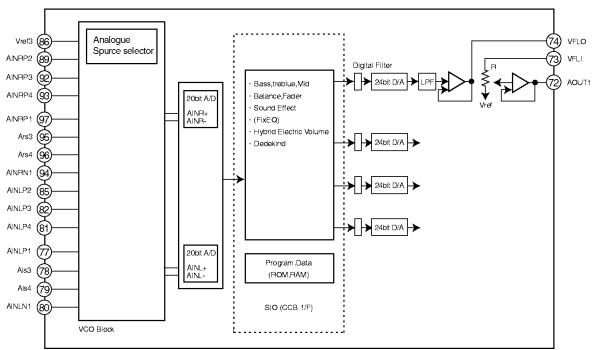
## 7 PACKAGE AND IC BLOCK DIAGRAM

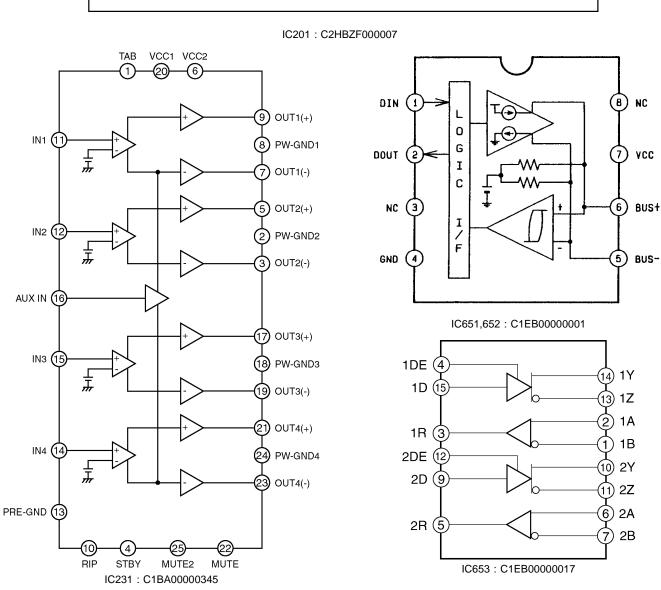
#### 7.1. Main Block

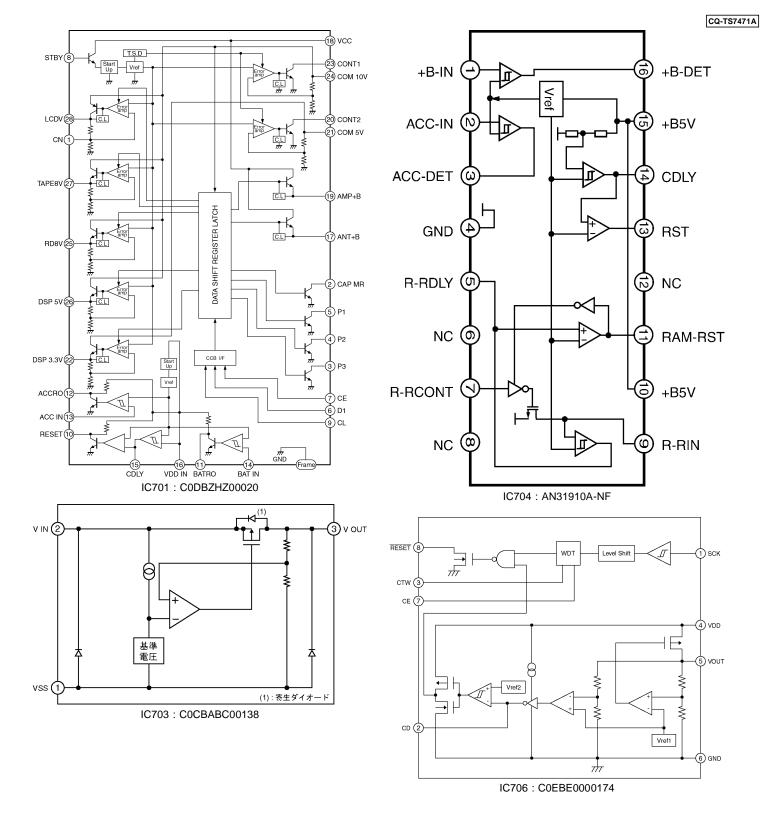


IC141: C1EB00000061









## 8 REPLACEMENT PARTS LIST

#### Notes:

- Be sure to make your orders of replacement parts according to this list.
- Important safety notice: Components, identified by 
   <u>↑</u> mark
   have special characteristics important for safety. When
   replacing any of these components, use only
   manufacturer's specified parts.
- 3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
- 4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Ref. No.	Part No.	Part Name & Description	Remarks			
[E6982A] Main Block						
	IC´s AND TRANSISTORS					
IC141	C1EB00000061	IC				
IC150	C0ABCB000032	IC				
IC181	YEAMHA12181F	IC				
IC201	C2HBZF000007	IC				
IC211	C0ABCB000038	IC				
IC231	C1BA00000345	IC				
IC501	YEAMT7ST00UL	IC				
IC601	C2CBKH000103	IC				
IC651	C1EB00000001	IC				
IC652	C1EB00000001	IC				
IC653	C1EB00000017	IC				
IC701	C0DBZHZ00020	IC				
IC702	C1BB00000828	IC				
IC703	COCBABC00138	IC				
IC704	AN31910A-NF	IC				
IC706	C0EBE0000174	IC				
IC707	C0JBAA000102	IC				
IC801	С2СВЈН000062	IC				
PA101	YEP0PTB566B0	Electronic Tuner				
Q110	B1GDCFNN0007	Transistor				
Q121	YEANC323TUTX	Transistor				
Q131	YEANC323TUTX	Transistor				
Q143	B1GBCFGN0001	Transistor				
Q151	B1ABCF000044	Transistor				
Q152	B1ABCF000044	Transistor				
Q502	YEAN2SK3018T	Transistor				
Q504	B1BBCD00001	Transistor				
Q512	YEAN2SK3018T	Transistor				
Q642	B1GKCFNN0006	Transistor				
Q651	B1GBCFNN0004	Transistor				
Q671	B1GDCFJJ0002	Transistor				
Q672	B1GDCFJJ0002	Transistor				
Q673	B1GDCFJJ0002	Transistor				
Q674	B1GDCFJJ0002	Transistor				
Q675	B1GDCFJJ0002	Transistor				
Q681	B1ABCF000042	Transistor				
Q691	B1ABCF000042	Transistor				
Q701	YEAN2SA1757	Transistor				
Q703	YEAN2SA1757	Transistor				
Q707	YEAN2SA1757	Transistor				
Q710	B1BBCD000001	Transistor				
Q713	B1GDCFGN0001	Transistor				
Q714	B1GBCFNN0009	Transistor				
Q723	YEAN2SA1757	Transistor				

Ref.	Part No.	Part Name & Description	Remarks
Q731	2SB1073TX	Transistor	
Q751	B1GBCFNN0009	Transistor	
Q767	YEANC114YKX	Transistor	
Q801	YEAN2SK1133T	Transistor	
DIODES		I	
D16	YEADEC10DS1	Diode	
D101	B0ADDJ000007	Diode	
D110 D141	B0ACCK000005 MA153TX	Diode Diode	
D142	MA153TX	Diode	
D501	B0BC8R200012	Diode	
D502	B0ADDJ000006	Diode	
D601	B0ADDJ000006	Diode	
D641	B0ACCK000005	Diode	
D643	B0ACCK000005	Diode	
D644	B0ACCK000005	Diode	
D651	YEADRD18M2T1	Diode	
D652	YEADRD18M2T1	Diode	
D653	YEADRD18M2T1	Diode	
D654	YEADRD18M2T1	Diode	
D655 D656	YEADRD13P2T1 YEADRD13P2T1	Diode Diode	
D658	BOACCK000005	Diode	
D671	MA8056LMHTX	Diode	
D672	MA8056LMHTX	Diode	
D673	MA8056LMHTX	Diode	
D674	MA8056LMHTX	Diode	
D675	MA8056LMHTX	Diode	
D676	B0ACCK000005	Diode	
D677	B0ACCK000005	Diode	
D678	B0ACCK000005	Diode	
D679	B0ACCK000005	Diode	
D680	B0ACCK000005	Diode	
D683	MA153TX	Diode	
D684	MA153TX	Diode	
D685	MA153TX YEADSR1544TL	Diode Diode	
D691 D701	B0BC02700005	Diode	
D703	YEADRB051L40	Diode	
D705	B0BC3R900023	Diode	
D712	B0ADDJ000007	Diode	
D751	B0BC6R800004	Diode	
D760	B0ADDJ000008	Diode	
D761	B0ADDJ000008	Diode	
D762	B0ADDJ000006	Diode	
D800	B0ACCK000005	Diode	
D801	B0ACCK000005	Diode	
D802	B0ACCK000005	Diode	
D803	B0ACCK000005	Diode	
CAPACITO	DRs	L	-
C51	F1J1H102A394	Ceramic, 1000PF 50WV	
C101	YECUS1C154KX	Ceramic, 0.15µF 16WV	
C102	YECUS1H123KX	Ceramic, 0.012µF 50WV	
C103	YECUZ1E223KX	Ceramic, 0.022µF 25WV	
C104	ECEA1AKA101I	Electrolytic, 100µF 10WV	
C107	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C109	F1H1A1050019	Ceramic, 1µF 10WV	
C110	ECEA1HKAR22I	Electrolytic, 0.22µF 50WV	
C111	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C112	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C115 C118	ECEA1HKA010I	Electrolytic, 220µF 10WV Electrolytic, 1µF 50WV	
C118	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C120	F1J1H471A665	Ceramic, 470PF 50WV	
C121	YECUS1C683KX	Ceramic, 0.068µF 16WV	
C123	YECUS1A105KX	Ceramic, 1µF 10WV	
C131	YECUS1C683KX	Ceramic, 0.068µF 16WV	
C133	YECUS1A105KX	Ceramic, 1µF 10WV	
C141	F1J1H331A665	Ceramic, 330PF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C142	ECEA1HKA2R2I	Electrolytic, 2.2µF 50WV	
C143	F1J1H271A672	Ceramic, 270PF 50WV	
C144	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C145	F1J1H561A672	Ceramic, 560PF 50WV	
C146	ECEA0JKA470I	Electrolytic, 47µF 6.3WV	
C147	F1J1H103A513	Ceramic, 0.01µF 50WV	
C148	YECUS1H470JC	Ceramic, 47PF 50WV	
C149 C150	F1J1H560A025 F1J1H122A675	Ceramic, 1200DF 50WV	
C151	F1J1H152A675	Ceramic, 1200PF 50WV Ceramic, 1500PF 50WV	
C152	F1J1H103A513	Ceramic, 0.01µF 50WV	
C153	ECEA1HKA4R7I	Electrolytic, 4.7µF 50WV	
C154	F1J1H151A672	Ceramic, 150PF 50WV	
C155	YECUZ1H151JC	Ceramic, 150PF 50WV	
C156	F1J1H151A672	Ceramic, 150PF 50WV	
C157	F1J1H151A672	Ceramic, 150PF 50WV	
C158	F1J1H1020024	Ceramic, 1000PF 50WV	
C159	YECUS1H100CC	Ceramic, 10PF 50WV	
C160	F1J1H1020024	Ceramic, 1000PF 50WV	
C161	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C162	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C178	ECEA1AKA101I	Electrolytic, 100µF 10WV	
C180	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C181	F1H1E273A011	Ceramic, 0.027µF 25WV	
C182 C183	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C183	YECUS1E333KX YECUS1C683KX	Ceramic, 0.033µF 25WV Ceramic, 0.068µF 16WV	
C184	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C187	F1H1E153A011	Ceramic, 0.015µF 25WV	
C188	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C189	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C190	F1H1E103A011	Ceramic, 0.01µF 25WV	
C191	F1J1H562A675	Ceramic, 5600PF 50WV	
C192	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C196	YECUZ1H102KX	Ceramic, 1000PF 50WV	
C201	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C202	F1J1C1050013	Ceramic, 1µF 16WV	
C203	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C204	F1J1C1050013	Ceramic, 1µF 16WV	
C205	F1J1C1050013	Ceramic, 1µF 16WV	
C206 C207	F1H1H152A201	Ceramic, 1500PF 50WV	
C207	ECEA1HSN2R2I ECEA1HSN2R2I	Electrolytic, 2.2µF 50WV Electrolytic, 2.2µF 50WV	
C209	F1H1H180A231	Ceramic, 18PF 50WV	
C210	F1H1H180A231	Ceramic, 18PF 50WV	
C213	F1H1H821A190	Ceramic, 820PF 50WV	
C215	F1H1H821A190	Ceramic, 820PF 50WV	
C219	ECEA1HSNR33I	Electrolytic, 0.33µF 50WV	
C220	ECEA1HSNR33I	Electrolytic, 0.33µF 50WV	
C221	YECUZ1H221JC	Ceramic, 220PF 50WV	
C222	YECUZ1H221JC	Ceramic, 220PF 50WV	
C225	F1J1E2240009	Ceramic, 0.22µF 25WV	
C226	F1J1E2240009	Ceramic, 0.22µF 25WV	
C227	F1J1E2240009	Ceramic, 0.22µF 25WV	
C228	F1J1E2240009	Ceramic, 0.22µF 25WV	
C229	YECUZ1H102KX	Ceramic, 1000PF 50WV	
C230	F1H1E4730007	Ceramic, 0.047µF 25WV	
C231	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C233 C270	YECUZ1C104KX EEUFC1A221B	Ceramic, 0.1µF 16WV Electrolytic, 220µF 10WV	
C270 C271	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C271	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C273	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C274	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C275	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C276	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C277	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C278	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C279	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C280	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C281	F1H1H100A226	Ceramic, 10PF 50WV	
annn	F1H1H100A226	Ceramic, 10PF 50WV	
C282 C283		Ceramic, 0.1µF 25WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C284	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C285	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C289	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C290	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C291	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C292	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C293	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C294	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C295	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C296	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C297	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C298	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C299	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C301	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C302	F1J1C1050013	Ceramic, 1µF 16WV	
C304	F1J1C1050013	Ceramic, 1µF 16WV	
C305 C306	F1J1C1050013	Ceramic, 1µF 16WV	
C307	F1H1H152A201 ECEA1HSN2R2I	Ceramic, 1500PF 50WV	
C308	ECEA1HSN2R2I	Electrolytic, 2.2µF 50WV Electrolytic, 2.2µF 50WV	
C308	F1H1H180A231	Ceramic, 18PF 50WV	
C310	F1H1H180A231	Ceramic, 18PF 50WV	
C313	F1H1H180A231 F1H1H821A190	Ceramic, 820PF 50WV	
C315	F1H1H821A190	Ceramic, 820FF 50WV	
C319	ECEA1HSNR33I	Electrolytic, 0.33µF 50WV	
C320	ECEA1HSNR33I	Electrolytic, 0.33µF 50WV	
C321	YECUZ1H221JC	Ceramic, 220PF 50WV	
C322	YECUZ1H221JC	Ceramic, 220PF 50WV	
C325	F1J1E2240009	Ceramic, 0.22µF 25WV	
C326	F1J1E2240009	Ceramic, 0.22µF 25WV	
C327	F1J1E2240009	Ceramic, 0.22µF 25WV	
C328	F1J1E2240009	Ceramic, 0.22µF 25WV	
C363	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C502	YECUZ1H102KX	Ceramic, 1000PF 50WV	
C521	YECUZ1H271JC	Ceramic, 270PF 50WV	
C522	YECUZ1H271JC	Ceramic, 270PF 50WV	
C531	YECUZ1H271JC	Ceramic, 270PF 50WV	
C532	YECUZ1H271JC	Ceramic, 270PF 50WV	
C600 C602	YECUS1E104ZF F1J1C1050013	Ceramic, 0.1µF 25WV Ceramic, 1µF 16WV	
C603	F1H1H180A231	Ceramic, 18PF 50WV	
C604	F1H1H180A231	Ceramic, 18PF 50WV	
C607	F1J1H103A700	Ceramic, 0.01µF 50WV	
C609	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C611	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C612	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C614	F1J1H103A700	Ceramic, 0.01µF 50WV	
C615	F1J1H103A700	Ceramic, 0.01µF 50WV	
C640	ECEA1HKAR47I	Electrolytic, 0.47µF 50WV	
C641	F1J1H103A513	Ceramic, 0.01µF 50WV	
C644	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C651	F1J1H103A700	Ceramic, 0.01µF 50WV	
C653	YECUS1H820JM	Ceramic, 82PF 50WV	
C654	YECUS1H820JM	Ceramic, 82PF 50WV	
C655	YECUS1H103ZF	Ceramic, 0.01µF 50WV	
C656	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C657	F1J1H221A665	Ceramic, 220PF 50WV	
C671	YECUS1C104KX	Ceramic, 0.1µF 16WV Ceramic, 0.1µF 16WV	
C672 C673	YECUS1C104KX YECUS1C104KX		
C674	YECUSIC104KX	Ceramic, 0.1µF 16WV Ceramic, 0.1µF 16WV	
C675	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C676	YECUV2A102KX	Ceramic, 1000PF 100WV	
C677	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C682	YECUS1E473KX	Ceramic, 0.047µF 25WV	
C684	F1J1H471A665	Ceramic, 470PF 50WV	
C685	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C686	YECUV1H221JM	Ceramic, 220PF 50WV	
C687	F1J1H471A665	Ceramic, 470PF 50WV	
C688	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C690	YECUV1H221JM	Ceramic, 220PF 50WV	
C691	YECUV2A102KX	Ceramic, 1000PF 100WV	
C701	ECA1CM222B	Electrolytic, 2200µF 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C702	ECA1CM222B	Electrolytic, 2200µF 16WV	
C703	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C704	F1J1H102A394	Ceramic, 1000PF 50WV	
C705	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C707	F2A1C2220064	Electrolytic, 2200µF 16WV	
C708	ECA1CHG102B	Electrolytic, 1000µF 16WV	
C709	EEUFC1C471LB	Electrolytic, 470µF 16WV	
C710	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C711	F1J1H103A700	Ceramic, 0.01µF 50WV	
C713	EEAFC0J121H	Electrolytic, 120µF 6.3WV	
C714	F1H1E103A011	Ceramic, 0.01µF 25WV	
C716	ECA1CM100I	Electrolytic, 10µF 16WV	
C719	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C721	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C725	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C727	YECUB1H104KX	Ceramic, 0.1µF 16WV	
C728	YECUB1H104KX	Ceramic, 0.1µF 50WV	
C738	ECA1AM221B	Electrolytic, 220µF 10WV	
C750	ECA1CM101I	Electrolytic, 100µF 16WV	
C751	F1J1H103A700	Ceramic, 0.01µF 50WV	+
C751 C756	YECUZ1C104KX		+
		Ceramic, 0.1µF 16WV	+
C757	YECUZ1C104KX	Ceramic, 0.1µF 16WV	+
C772	ECEA1HKAR22I	Electrolytic, 0.22µF 50WV	+
C773	ECEA1HKAR22I	Electrolytic, 0.22µF 50WV	+
C774	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C776	F1J1H221A665	Ceramic, 220PF 50WV	
C777	F1J1H221A665	Ceramic, 220PF 50WV	$\bot$
C778	YECUS2A103KX	Ceramic, 0.01µF 100WV	1
C780	F1J1H221A665	Ceramic, 220PF 50WV	
C781	F1J1H221A665	Ceramic, 220PF 50WV	
C782	YECUS1H820JM	Ceramic, 82PF 50WV	
C783	YECUS1H820JM	Ceramic, 82PF 50WV	
C788	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C790	YECUS1C823KX	Ceramic, 0.082µF 16WV	
C791	YECUZ1E223KX	Ceramic, 0.022µF 25WV	
C792	F1J1C1050013	Ceramic, 1µF 16WV	
C793	YECUZ1C104KX	_	
	YECUZ1H102KX	Ceramic, 0.1µF 16WV	
C794	t	Ceramic, 1000PF 50WV	
C795	F1J1C1050013	Ceramic, 1µF 16WV	
C796	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C797	YECUZ1H103KX	Ceramic, 0.01µF 50WV	+
C798	F1J1H103A700	Ceramic, 0.01µF 50WV	
C800	ECA1AM221B	Electrolytic, 220µF 10WV	
C801	F1H1H2200007	Ceramic, 22PF 50WV	
C802	F1H1H2200007	Ceramic, 22PF 50WV	
C803	YECUZ1H220JC	Ceramic, 22PF 50WV	
C804	YECUZ1H220JC	Ceramic, 22PF 50WV	
C805	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C806	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C807	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C808	YECUZ1H102KX	Ceramic, 1000PF 50WV	1
C809	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C810	F1J1H103A700	Ceramic, 0.01µF 50WV	1
C811	YECUS1H100CC	Ceramic, 10PF 50WV	+
	F1H1E103A011	Ceramic, 10FF 50WV  Ceramic, 0.01µF 25WV	+
C812			+
C814	YECUS1C104KX	Ceramic, 0.1µF 16WV	+
C816	F1J1H103A700	Ceramic, 0.01µF 50WV	+
C841	F1H1C473A005	Ceramic, 0.047µF 16WV	+
C842	YECUZ1C104KX	Ceramic, 0.1µF 16WV	+
C844	YECUZ1H221JC	Ceramic, 220PF 50WV	1
C845	YECUZ1H221JC	Ceramic, 220PF 50WV	4
C846	F1J1H221A665	Ceramic, 220PF 50WV	1
C847	F1J1H221A665	Ceramic, 220PF 50WV	
	Rs		,
RESISTO		Chip, 0Ω 1/10W	
	ERJ6GEY0R00V		
C211	ERJ6GEY0R00V		
C211 C212	ERJ6GEY0R00V ERJ6GEY0R00V	Chip, 0Ω 1/10W	
C211 C212 C288	ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	Chip, 0Ω 1/10W Chip, 0Ω 1/10W	
C211 C212 C288 C311	ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	Chip, 0Ω 1/10W Chip, 0Ω 1/10W Chip, 0Ω 1/10W	
C211 C212 C288 C311 C312	ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	Chip, $0\Omega$ 1/10W	
RESISTOR C211 C212 C288 C311 C312 C605	ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	Chip, 0Ω 1/10W Chip, 0Ω 1/10W Chip, 0Ω 1/10W	

Ref.	Part No.	Part Name & Description	Remarks
No.	raic No.	rait Name & Description	Kemarks
L140	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L500	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L502	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L504	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
L521	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L531	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L671	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L672	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L673	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L674	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L675	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L681	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
L710	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R51	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R66	ERA6YED103V	Metal Film, 10kΩ 1/10W	
R101	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R102	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R110	ERJ3GEYJ332V	Chip, 3.3kΩ 1/16W	
R111	ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W	
R122			
R123	ERJ6GEYJ101 ERJ3GEYJ472V	Chip, 100Ω 1/10W Chip, 4.7kΩ 1/16W	
R123			
R124 R132	ERJ3GEYJ392V	Chip, 3.9kΩ 1/16W	
R132 R133	ERJ6GEYJ101	Chip, 100Ω 1/10W	+
	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	+
R134	ERJ3GEYJ392V	Chip, 3.9kΩ 1/16W	
R140	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R142	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R145	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R147	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R148	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R150	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R151	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R152	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R153	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R154	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R155	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R156	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R157	ERJ3GEYJ183V	Chip, 18kΩ 1/16W	
R158	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R159	ERJ3GEYJ393V	Chip, 39kΩ 1/16W	
R160	ERJ6GEYJ393	Chip, 39k <b>Ω</b> 1/10W	
R161	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R162	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R163	ERJ6GEYJ393	Chip, 39k <b>Ω</b> 1/10W	
R164	ERJ6GEYJ103	Chip, $10k\Omega$ 1/10W	
R165	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R166	ERJ6GEYJ224	Chip, 220kΩ 1/10W	
R167	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R168	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R169	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R184	ERJ6GEYJ123	Chip, 12k <b>Ω</b> 1/10W	
R187	ERJ3GEYJ332V	Chip, 3.3kΩ 1/16W	
R189	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R190	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R194	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R195	ERJ3GEYJ303V	Chip, 30kΩ 1/16W	
R196	ERJ3GEYJ332V	Chip, 3.3kΩ 1/16W	
R197	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R200	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R204	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R205	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R205	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R207	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R209	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R210	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	+
R211	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R212	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R213	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R216	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R217	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R218	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R219	ERJ3GEYJ152V	Chip, 1.5kΩ 1/16W	
R220	ERJ3GEYJ152V	Chip, 1.5kΩ 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R221	ERJ3GEYJ272V	Chip, 2.7k $\Omega$ 1/16W	
R222	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R225	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R226	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R227	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R228	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R229	ERJ3GEYJ471V	Chip, 470 <b>Ω</b> 1/16W	
R230	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R251	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R252	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R253	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R254	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R255	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R256	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R271	ERJ6GEYJ221V	Chip, 220Ω 1/10W	
R272	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R274	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R276	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R281	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R304	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R305	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R306	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R307	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R309	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R310	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R311	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R312	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R313	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R316	ERJ3GEYJ223V	Chip, 22kΩ 1/16W	
R317	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R318	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R319	ERJ3GEYJ152V	Chip, 1.5kΩ 1/16W	
R320	ERJ3GEYJ152V	Chip, 1.5kΩ 1/16W	
R321	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R322	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R325	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R326	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R327	ERJ6GEY0R00V		
R328	ERJ6GEY0R00V	Chip, 0Ω 1/10W	
R351	ERJ6GEYJ102	Chip, 0Ω 1/10W Chip, 1kΩ 1/10W	
R352	ERJ6GEYJ682		
R352	ERJ6GEYJ102	Chip, 6.8kΩ 1/10W Chip, 1kΩ 1/10W	
R354	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R355	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R356	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R502	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	
R504	ERJ3GEYJ474V	Chip, 470kΩ 1/16W	
R505	ERJ3GEYJ561V	Chip, 560Ω 1/16W	
R512	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	
R514	ERJ3GEYJ474V	Chip, 470kΩ 1/16W	
R515	ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R516	ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R521	ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W	
R522	ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W	
R531	ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W	
R532	ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W	
R600	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R602	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R604	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R605	ERJ3GEYJ221V	Chip, 220Ω 1/16W	
R607	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R610	ERJ3GEYJ274V	Chip, 270k <b>Ω</b> 1/16W	
R615	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R618	ERJ3GEYJ332V	Chip, 3.3kΩ 1/16W	
R619	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R620	ERJ6GEYJ474	Chip, 470kΩ 1/10W	
R621	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R622	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R623	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R625	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R628	ERJ3GEYJ101V	Chip, 100Ω 1/16W	
		Chip, 1kΩ 1/16W	
R630	ERJ3GEYJ102V	CHIP/ INGE I/ION	

Ref. No.	Part No.	Part Name & Description	Remarks
R633	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R634	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R637	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R638	ERJ3GEYJ101V	Chip, 100 <b>Ω</b> 1/16W	
R639	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R641	ERJ3GEYJ563V	Chip, $56k\Omega$ 1/16W	
R643	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R644	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R646	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R648	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R649	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R650	ERG1SJ680E	Metal Oxid, 68Ω 1W	
R651	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R652 R653	ERJ8GEYJ101V ERJ8GEYJ101V	Chip, 100Ω 1/8W Chip, 100Ω 1/8W	
R654	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R655	ERG1SJ101E	Metal Oxid, 100Ω 1W	
R656	ERG1SJ101E	Metal Oxid, 100Ω 1W	
R657	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R658	ERJ6GEYJ391	Chip, 390Ω 1/10W	
R659	ERJ6GEYJ391	Chip, 390Ω 1/10W	
R660	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	
R661	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R662	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	1
R663	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R671	ERJ6GEYJ473	Chip, 47kΩ 1/10W	<del>                                     </del>
R672	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R673 R674	ERJ6GEYJ473 ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R675	ERJ6GEYJ473	Chip, $47k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W	
R676	ERA6YED472V	Metal Film, 4.7kΩ 1/10W	
R677	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R679	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R680	ERA6YED303V	Metal Film, 30kΩ 1/10W	
R681	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R682	ERJ6GEYJ432V	Chip, 4.3kΩ 1/10W	
DCC2			
R683	ERJ6GEYJ512V	Chip, 5.1kΩ 1/10W	
R685	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R685 R686	ERJ6GEYJ102 ERA6YED303V	Chip, 1kΩ 1/10W Metal Film, 30kΩ 1/10W	
R685 R686 R687	ERJ6GEYJ102 ERA6YED303V ERA6YED103V	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W	
R685 R686 R687 R688	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W	
R685 R686 R687 R688 R691	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ8GEY0R00V ERJ6GEYJ1R0V	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ8GEYORO0V ERJ6GEYJ100	Chip, $1k\Omega$ 1/10W Metal Film, $30k\Omega$ 1/10W Metal Film, $10k\Omega$ 1/10W Chip, $1k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $10k\Omega$ 1/10W Chip, $47k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ1R0V ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYU700V	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ1R0V ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYOROOV ERJ6GEYOROOV ERJ6GEYOROOV	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $40k\Omega$ 1/10W  Metal Film, $40k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ1R0V ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYOROOV ERJ6RED274V ERJ6GEYJ560	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Metal Film, $270k\Omega$ 1/10W  Chip, $56\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ103 ERJ6GEYJ160 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Metal Film, $270k\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Chip, $56\Omega$ 1/10W  Chip, $56\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ160 ERJ6GEYJ560	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $1\Omega$ 1/10W  Chip, $1\Omega$ 1/10W  Chip, $1\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ103 ERJ6GEYJ160 ERJ6GEYJ560 ERJ3GEY0R00V ERJ3GEYJ771V	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $0\Omega$ 1/8W  Chip, $1\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $56\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ160 ERJ6GEYJ560	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $40k\Omega$ 1/16W  Chip, $40k\Omega$ 1/16W  Chip, $40k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ160 ERJ6GEYJ560 ERJ3GEY0R00V ERJ3GEYJ771V ERJ6GEYOR00V	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $40k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ160 ERJ6GEYJ560	Chip, $1k\Omega$ 1/10W  Metal Film, $30k\Omega$ 1/10W  Metal Film, $10k\Omega$ 1/10W  Chip, $1k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $10k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $47k\Omega$ 1/10W  Chip, $40k\Omega$ 1/16W  Chip, $40k\Omega$ 1/16W  Chip, $40k\Omega$ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ560 ERJ6GEYJ600V ERJ6GEYJ600V ERJ6GEYJ600V ERJ6GEYJ600V ERJ6GEYJ600V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 5Ω 1/10W  Chip, 56Ω 1/10W  Chip, 66Ω 1/10W  Chip, 68Ω 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R7106 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ560 ERJ6GEYJ600V ERJ6GEYJ600V ERJ6GEYJ600V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 50Ω 1/10W  Chip, 56Ω 1/10W  Chip, 66Ω 1/10W  Chip, 66Ω 1/10W  Chip, 68Ω 1/10W  Chip, 68Ω 1/10W  Chip, 68Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ560 ERJ6GEYJ7000V ERJ6GEYJ7000V ERJ6GEYJ7000V ERJ6GEYJ7000V ERJ6GEYJ100V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 0Ω 1/10W  Chip, 10 1/10W  Chip, 56Ω 1/10W  Chip, 10Ω 1/16W  Chip, 0Ω 1/10W  Chip, 1Ω 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ8GEYOROOV ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ560 ERJ3GEYOROOV ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 0Ω 1/8W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 470Ω 1/16W  Chip, 0Ω 1/10W  Chip, 0Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ100 ERJ6GEYJ100V ERJ6GEYJ100	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 1Ω 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760	ERJ6GEYJ102 ERA6YED303V ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ100 ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ152V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 1Ω 1/10W  Chip, 0Ω 1/16W  Chip, 0Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 56Ω 1/10W  Chip, 560Ω 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760 R761	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ100V ERJ6GEYJ560 ERJ3GEY0R00V ERJ6GEYJ100V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 1Ω 1/10W  Chip, 68Ω 1/10W  Chip, 0Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10 1/10W  Chip, 56Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 1.5kΩ 1/16W  Chip, 1.5kΩ 1/16W  Chip, 10kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760 R761 R762	ERJ6GEYJ102 ERA6YED303V ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ100V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 1Ω 1/10W  Chip, 0Ω 1/16W  Chip, 0Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10Ω 1/10W  Chip, 56Ω 1/10W  Chip, 56Ω 1/10W  Chip, 10 1/10W  Chip, 10 1/10W  Chip, 10 1/10W  Chip, 10 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 10kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760 R761 R762 R763	ERJ6GEYJ102 ERA6YED303V ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ3GEY0R00V ERJ6GEYJ560 ERJ3GEY0R00V ERJ6GEYJ680 ERJ6GEYJ680 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ152V ERJ6GEYJ103 ERJ6GEYJ152V ERJ6GEYJ103 ERJ3GEYJ152V ERJ6GEYJ103	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 68Ω 1/10W  Chip, 68Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 15kΩ 1/10W  Chip, 10kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760 R761 R762	ERJ6GEYJ102 ERA6YED303V ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ100V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R696 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R744 R750 R751 R753 R758 R760 R761 R762 R763 R764	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ170V ERJ6GEYJ100V ERJ6GEYJ100V ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ6GEYJ560 ERJ3GEY0R00V ERJ6GEYJ560 ERJ3GEYOR00V ERJ6GEYJ60 ERJ3GEYJ60 ERJ6GEYJ100V	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 68Ω 1/10W  Chip, 68Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 560Ω 1/10W  Chip, 560Ω 1/10W  Chip, 15kΩ 1/10W  Chip, 10kΩ 1/10W	
R685 R686 R687 R688 R691 R692 R693 R699 R702 R703 R704 R706 R711 R712 R716 R717 R718 R720 R727 R730 R741 R742 R750 R751 R753 R758 R760 R761 R762 R763 R764 R765	ERJ6GEYJ102 ERA6YED303V ERA6YED103V ERJ6GEYJ102 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ473 ERJ6GEYJ473 ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ180V ERJ6GEYJ560 ERJ3GEYOROOV ERJ6GEYJ60V ERJ6GEYJ60V ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ103 ERJ6GEYJ152V ERJ6GEYJ103	Chip, 1kΩ 1/10W  Metal Film, 30kΩ 1/10W  Metal Film, 10kΩ 1/10W  Chip, 1kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 47kΩ 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 56Ω 1/10W  Chip, 10Ω 1/16W  Chip, 470Ω 1/16W  Chip, 470Ω 1/16W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 1Ω 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 10kΩ 1/10W  Chip, 15kΩ 1/10W  Chip, 15kΩ 1/16W  Chip, 10kΩ 1/10W  Chip, 2.2kΩ 1/10W  Chip, 47kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R788	ERJ3RED274V	Metal Film, 270kΩ 1/16W	
R789	ERJ3RBD332V	Metal Glaze, 3.3kΩ 1/16W	
R790	ERJ3RBD392V	Metal Glaze, 3.9k $\Omega$ 1/16W	
R792	ERJ3RBD223V	Metal Glaze, 22k $\Omega$ 1/16W	
R793	ERJ6RBD393V	Metal Film, 39kΩ 1/10W	
R794	YER816R4702D	Metal Glaze, $47 \text{k}\Omega$ 1/16W	
R795	YER816R4702D	Metal Glaze, 47kΩ 1/16W	
R796	D1BB15030001	Chip, 150kΩ 1/16W	
R797	ERJ3RBD104V	Metal Glaze, 100kΩ 1/16W	
R798	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R799 R801	ERJ3RBD223V ERJ3GEYJ102V	Metal Glaze, 22kΩ 1/16W	
R807	ERJ3GEYJ472V	Chip, 1kΩ 1/16W Chip, 4.7kΩ 1/16W	
R809	ERJ3GEYJ684V	Chip, 680kΩ 1/16W	
R810	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R811	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R819	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R820	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R823	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R825	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R826	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R827	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R828	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R830	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R833	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R834	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R836	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R840	YER816R4702D	Metal Glaze, 47kΩ 1/16W	
R841 R843	ERJ3GEYJ471V ERJ3RED274V	Chip, 470Ω 1/16W Metal Film, 270kΩ 1/16W	
R846	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R854	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R855	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R861	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R863	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R864	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R865	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R868	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R873	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R882	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R889	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R895	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
CONNECT	rors	1	
CN501	YEAE012763	Connector, 14P	
CN600	K1MN10B00062	Connector, 10P	
CN602	YEAEBM07BSRS	Connector, 7P	
CN701	K1FA116B0023	Connector, 10P+6P	
CN702	K1FA112B0017	Connector, 12P	
CN703 CN704	K1FA120B0009 K1FA108B0011	Connector, 20P Connector, 8P	
CN704 CN801	K1MN20A00020	Connector, 8P	
CN901	K1MN12B00131	Connector, 12P	
CN902	K1MN12B00131	Connector, 12P	
COILs	1		
L1	J0JCC0000030	Coil	
L143	YELT03N220JT	Coil	
L144	YELTBLM2A102	Coil	
L151	J0JCC0000030	Coil	
L191	YELTBLM21A10	Coil	
L271	J0JCC0000053	Coil	
L272	J0JCC0000053	Coil	
L273	J0JCC0000053	Coil	
L274	YELTBLM2B601	Coil	
L275	J0JCC0000053	Coil	
L276	G1C330K00022	Coil	
L601	YELTBLM21A10	Coil	
L602	YELTBLM21A10	Coil	
L603 L604	YELTBLM21A10 YELTBLM21A10	Coil	

Ref.	Part No	Dart	Name & Description	Remarks
No.	Part No.	Part	Name & Description	Remarks
L640	YELTBLM2B222	Coil		
L701	G0A111J00003	Coil		
L751	YELTBLM32A06	Coil		
L752	YELTBLM21A10	Coil		
L801	YELT03N100KT	Coil		
L803	J0JCC0000030	Coil		
L804	J0JCC0000030	Coil		
L805	J0JCC0000030	Coil		
L806	J0JCC0000030	Coil		
L841	YELT03N100KT	Coil		
R208	YELTBLM2B601	Coil		
				+
CRYSTALS	-			
XL140	YEXL49U0433T	Crystal	Oscillator	
	H0D168500001		Oscillator	
	H0D123500002	_	Oscillator	
XL801	H0A327200080	_	Oscillator	
XL802	H0D100500005	_	Oscillator	
NETWORK	RESISTORS			
R103	D1H84724A024	Network	Resistor	
R273	D1H410320002	Network	Resistor	
R277	D1H81024A024	Network	Resistor	
R506	D1H856140002	Network	Resistor	
R507	D1H83324A024	Network	Resistor	
	D1H82224A024		Resistor	
R603	D1H84724A024		Resistor	
R608	D1H422220001		Resistor	_
	D1H82224A024		Resistor	
R612	D1H82224A024		Resistor	
R613 R614	D1H81024A024 D1H81024A024		Resistor Resistor	
R616	D1H81024A024		Resistor	
R617	D1H410220001		Resistor	
R624	D1H81024A024		Resistor	
	D1H81024A024		Resistor	
R627	D1H81024A024	Network	Resistor	
R629	D1H410220001	Network	Resistor	
R632	D1H81024A024	Network	Resistor	
R802	D1H81024A024	Network	Resistor	
R816	D1H81024A024	Network	Resistor	
R821	D1H81024A024	Network	Resistor	
R822	D1H84724A024		Resistor	
R835	D1H410220001		Resistor	
R851	EXBV8V102JV		Resistor	
R856	D1H81024A024		Resistor	
R857	D1H847340001 D1H81024A024		Resistor Resistor	+
R867 R874	D1H410220001		Resistor	
R883	D1H81024A024		Resistor	
R888	D1H410220001		Resistor	
R890	D1H410220001		Resistor	
R892	D1H410220001		Resistor	
R899	D1H410220001	Network	Resistor	
FILTERs				
Z53	J0LM00000001	Noise Fi	lter	
ZL655	YECCL51R206T	EMI Filt	er	
ZL656	YECCL51R206T	EMI Filt	er	
		ļ		
		<u> </u>		
	Display Block	Ε		
DIODES				
D900	B3ABB0000140	Diode		+
D903	B3ABB0000140	Diode		
D905	B3ABB0000140	Diode		
D906	B3ABB0000140	Diode		
D908 D910	B3ABB0000140 B3ABB0000140	Diode Diode		+ -
		21048		1

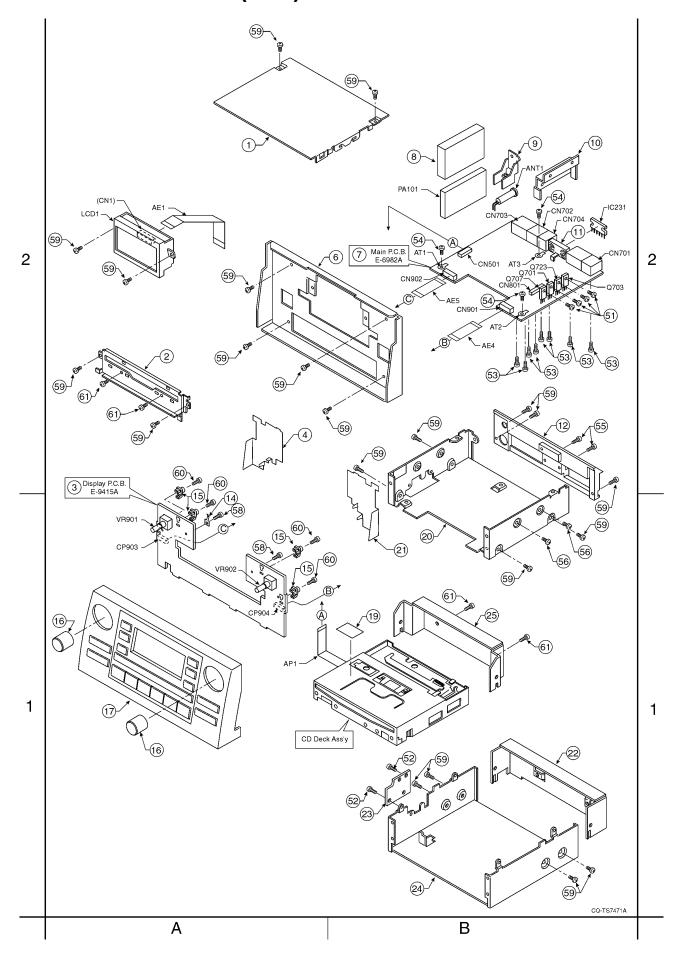
Ref. No.	Part No.	Part Name & Description	Remarks
D913	B3ABB0000140	Diode	
D915	B3ABB0000140	Diode	
D916	B3ABB0000140	Diode	
D918	B3ABB0000140	Diode	
D920	B3ABB0000140	Diode	
D921	B3ABB0000140	Diode	
D922	B3ABB0000140	Diode	
D925	B3ABB0000140	Diode	
D931	B3ABB0000140	Diode	
D932	B3ABB0000140	Diode	
D933	B3ABB0000140	Diode	
D936	B3ABB0000140	Diode	
D938	B3ABB0000140	Diode	
D940	B3ABB0000140	Diode	
D941	B3ABB0000140	Diode	
D942	B3ABB0000140	Diode	
D945	B3ABB0000140	Diode	
D946	B3ABB0000140	Diode	
D948	B3ABB0000140	Diode	
	+	†	+
D951	B3ABB0000140	Diode	+
D952	B3ABB0000140	Diode	+
D953	B3ABB0000140	Diode	
D961	B3ABB0000140	Diode	+
D962	B3ABB0000140	Diode	
D970	B3ABB0000140	Diode	
D971	B3ABB0000140	Diode	
D991	MA8056LMHTX	Diode	
D992	MA8056LMHTX	Diode	
D993	MA8056LMHTX	Diode	4
D994	MA8056LMHTX	Diode	
D995	MA8056LMHTX	Diode	
D996	MA8056LMHTX	Diode	
D997	MA8056LMHTX	Diode	
D998	MA8056LMHTX	Diode	
D999	MA8056LMHTX	Diode	
		1	
CAPACI	ORs	1	
	ORs F1J1H221A665	Ceramic, 220PF 50WV	
CAPACIT C901 C902	1	Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901	F1J1H221A665	Ceramic, 220PF 50WV	
C901 C902	F1J1H221A665 F1J1H221A665		
C901 C902 C903 C904	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV	
C901 C902 C903 C904 C951 C953 C961	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 200PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 200PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01μF 50WV Ceramic, 0.01μF 50WV Ceramic, 100PF 50WV Ceramic, 0.01μF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 330Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTC R900 R903 R906	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTC R900 R903 R906 R910	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 330Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTC R900 R903 R906 R910 R918	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 330Ω 1/10W Chip, 330Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C999 C9991 C9992 C9993 C9994 C9995 C9996 C9997 C9998 C9999 RESISTC R900 R903 R906 R910 R918 R920	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 E1J1H221A665 F1J1H221A665 F1JH221A665 F1JH221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330QD 1/10W Chip, 330QD 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 RESISTC R900 R903 R906 R910 R918 R920 R921	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 E1J1H221A665 F1JH221A665 F1JH221A665 F1JH221A665 F1JH221A665 F1JH221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Q 1/10W Chip, 390Q 1/10W Chip, 390Q 1/10W Chip, 330Q 1/10W Chip, 330Q 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 RESISTC R900 R903 R906 R910 R918 R920 R921 R931	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 E1J1H221A665 F1J1H21A665 F1JH221A665 F1JH221A665 F1JH221A665 F1JH221A665 F1JH221A665 F1JH221A665	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 20PF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTC R900 R903 R906 R910 R918 R920 R921 R931 R932	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 E1J6GEYJ331 ERJ6GEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 0.01µF 50WV Ceramic, 100PF 50WV Ceramic, 0.01µF 50WV Ceramic, 20PF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 390Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903 R906 R910 R918 R920 R921 R931 R932 R933	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 ENJGEYJ331 ERJ6GEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 20PF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 390Ω 1/10W Chip, 390Ω 1/10W Chip, 390Ω 1/10W Chip, 390Ω 1/10W Chip, 330Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903 R906 R910 R918 R920 R921 R931 R932 R933 R940	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF TYCUS1H103ZF TYCUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 ENJ6GEYJ331 ERJ6GEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 390Ω 1/10W Chip, 390Ω 1/10W Chip, 390Ω 1/10W Chip, 330Ω 1/10W Chip, 220Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903 R906 R910 R918 R920 R921 R931 R932 R933 R940 R941	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF TYCUS1H103ZF TYCUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1JH221A665 ENJGEYJ331 ERJGEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 210PF 50WV Ceramic, 220PF 50WV Chip, 330Ω 1/10W Chip, 220Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903 R906 R910 R918 R920 R911 R931 R932 R933 R940 R941 R951	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 ERJ6GEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 330Ω 1/10W Chip, 220Ω 1/10W	
C901 C902 C903 C904 C951 C953 C961 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 RESISTO R900 R903 R906 R910 R918 R920 R921 R931 R932 R933 R940 R941	F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H103A513 F1J1H103A513 F1J1H101A667 YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF YECUS1H103ZF TYCUS1H103ZF TYCUS1H103ZF F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1J1H221A665 F1JH221A665 ENJGEYJ331 ERJGEYJ331	Ceramic, 220PF 50WV Ceramic, 220PF 50WV Ceramic, 20PF 50WV Ceramic, 0.01µF 50WV Ceramic, 220PF 50WV Ceramic, 210PF 50WV Ceramic, 220PF 50WV Chip, 330Ω 1/10W Chip, 220Ω 1/10W	

Ref. No.			
N N	Part No.	Part Name & Description	Remarks
			-
R990	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
R991	ERJ8GEYJ331V	Chip, 330 <b>Ω</b> 1/8W	
R992	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
R993	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
CONNECTO	)Pa		
CONNECTO		T	1
CP903	K1MN12A00071	Connector, 12P	-
CP904	K1MN12A00071	Connector, 12P	
			ļ
COILs			
L991	YELTBLM21A10	Coil	
L992	YELTBLM21A10	Coil	
L993	YELTBLM21A10	Coil	
L994	YELTBLM21A10	Coil	
L995	YELTBLM21A10	Coil	<u> </u>
L996	YELTBLM21A10	Coil	-
L997	YELTBLM21A10	Coil	1
L998	YELTBLM21A10	Coil	
L999	YELTBLM21A10	Coil	<u> </u>
SWITCHes	:	1	
SW900	1	Duch Switch	1
	EVQ23504M	Push Switch	+
SW903	EVQ23504M	Push Switch	1
SW910	EVQ23504M	Push Switch	
SW913	EVQ23504M	Push Switch	
SW920	EVQ23504M	Push Switch	
SW921	EVQ23504M	Push Switch	
SW922	EVQ23504M	Push Switch	
SW930	EVQ23504M	Push Switch	
SW931	EVQ23504M	Push Switch	<del> </del>
			<del> </del>
SW932	EVQ23504M	Push Switch	
sw933	EVQ23504M	Push Switch	
	EVQ23504M EVQ23504M	Push Switch Push Switch	
SW933			
SW933 SW940	EVQ23504M	Push Switch	
SW933 SW940 SW941	EVQ23504M EVQ23504M	Push Switch Push Switch	
SW933 SW940 SW941 SW942	EVQ23504M EVQ23504M EVQ23504M EVQ23504M	Push Switch Push Switch Push Switch Push Switch	
SW933 SW940 SW941 SW942 SW948 SW951	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M	Push Switch Push Switch Push Switch Push Switch Push Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M	Push Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M	Push Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch	
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SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902 LCD LCD1 Mechanic	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch INDICATOR PANEL LCD	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  cal Parts ANEOUS YEAA10091	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch INDICATOR PANEL LCD	
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SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  cal Parts ANEOUS YEAA10091	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902 LCD LCD1 Mechanic MISCELLI ANT1 AE1 AE4	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  cal Parts ANEOUS YEAA10091 K9Z200001062	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902 LCD LCD1 Mechanic MISCELLI ANT1 AE1 AE4	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001062 K9Z200001158	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELL ANT1 AE1 AE4 AE5	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001062 K9Z200001158 K9ZZ00001166	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELL ANT1 AE1 AE4 AE5 AP1	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001062 K9Z200001158 K9Z200001166 YEAP2880	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 14P	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELL ANT1 AE1 AE4 AE5 AP1 AT1 AT2	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Eal Parts ANEOUS YEAA10091 K9ZZ00001062 K9ZZ00001158 K9ZZ00001166 YEAP2880 YEAT03346A YEAT03346A	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 14P Terminal Terminal	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELL ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3	EVQ23504M EVQ235	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 R9AA009B0009  L5DZAHE00004  L5DZAHE00004  R9Z200001062 R9Z200001158 R9Z200001166 YEAP2880 YEAT03346A YEAT03346A YEFA031909	Push Switch Push Switch Push Switch Push Switch Push Switch Push Switch Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1	EVQ23504M EVQ235	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 R9AA009B0009  L5DZAHE00004  L5DZAHE00004  PEANCOUS PEAN10091 R9Z200001158 R9Z200001158 R9Z200001166 PEAP2880 PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT031909 PERTORUS	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component	RTL
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1	EVQ23504M EVQ235	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1	RTL
SW933 SW940 SW941 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT1 AT2 AT3 1 2 3	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 R9AA009B0009  L5DZAHE00004  L5DZAHE00004  PEANCOUS PEAN10091 R9Z200001158 R9Z200001158 R9Z200001166 PEAP2880 PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT03346A PEAT031909 PERTORUS	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component	RTL
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 R9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 R9Z200001158 R9Z200001166 YEAP2880 YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L)	RTL
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902 LCD LCD1 Mechanic MISCELLA ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M R9AA015B0028 R9AA009B0009  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 R9Z200001158 R9Z200001158 R9Z200001166 YEAP2880 YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454 YGFA07663	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6 7	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001158 K9Z200001158 K9ZZ00001158 YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454 YGFA07663 YEP0PT6982A0 YEFV03508	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component Magnetic Shield, PA101	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6 7 8 9	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001158 K9Z200001158 K9Z200001158 K9Z200001158 YEA703346A YEA703346A YEA703346A YEA703346A YEA703346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454 YGFA07663 YEP0PT6982A0 YEFV03508 YEFX0216100	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component Magnetic Shield, PA101 Bracket, ANT1	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLA ANT1 AE1 AE1 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6 7 8 9 10	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001158 K9Z200001158 K9Z200001158 K9Z200001158 YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454 YGFA07663 YEP0PT6982A0 YEFV03508 YEFX0216100 YEFX0216173	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component Magnetic Shield, PA101 Bracket, Q701,703,707,723	
SW933 SW940 SW941 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6 7 8 9 10 11	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9ZZ00001158 K9ZZ00001158 K9ZZ00001158 K9ZZ00001166 YEAP2880 YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEPOPT9415A0 YEFV012454 YGFA07663 YEPOPT6982A0 YEFV03508 YEFX0216100 YEFX0216173 YEFX0215142	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component Magnetic Shield, PA101 Bracket, Q701,703,707,723 Bracket, IC231	
SW933 SW940 SW941 SW942 SW948 SW951 SW953 VR901 VR902  LCD LCD1  Mechanic MISCELLI ANT1 AE1 AE4 AE5 AP1 AT1 AT2 AT3 1 2 3 4 6 7 8 9 10	EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M EVQ23504M K9AA015B0028 K9AA009B0009  L5DZAHE00004  L5DZAHE00004  Cal Parts ANEOUS YEAA10091 K9Z200001158 K9Z200001158 K9Z200001158 K9Z200001158 YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEAT03346A YEFA031909 YGFX0216260 YEP0PT9415A0 YEFV012454 YGFA07663 YEP0PT6982A0 YEFV03508 YEFX0216100 YEFX0216173	Push Switch Switch Switch Switch  INDICATOR PANEL LCD  Antenna Receptacle Flat Cable, 20P Flat Cable, 12P Flat Cable, 12P Flat Cable, 14P Terminal Terminal Terminal Upper Cover Bracket, Deck Front-1 Display PCB w/Component Insulator, Display Block (L) Front Plate Main PCB w/Component Magnetic Shield, PA101 Bracket, Q701,703,707,723	

#### CQ-TS7471A

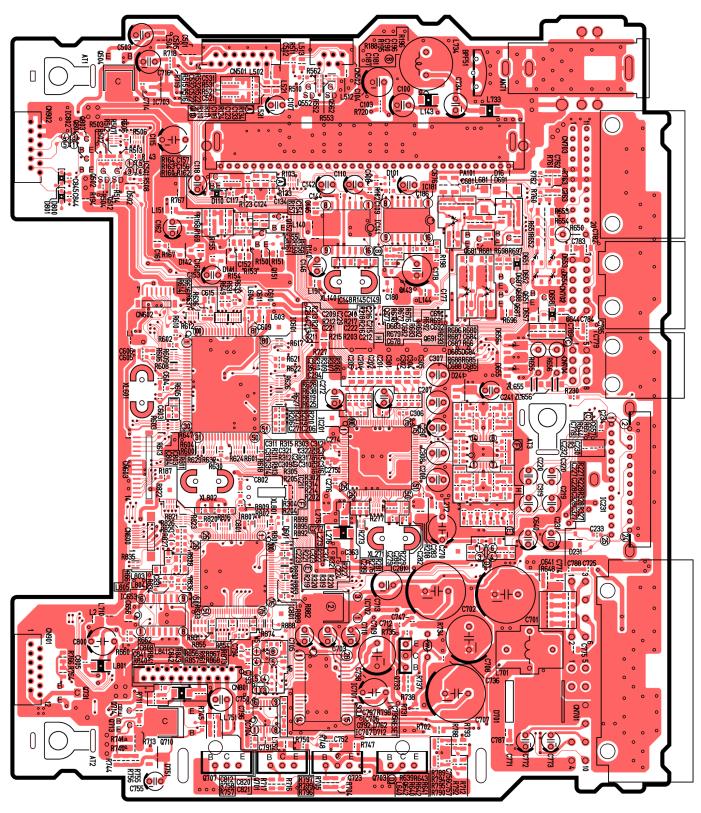
Ref.	Part No.	Part Name & Description	Remarks
No.			
15	YGFK061119	Holder, Escutcheon	
16	YGFE02495	Knob, Vol, Tuner	
17	YGFC028179	Escutcheon Ass'y	
19	YEFM031105	Laser Seal	
20	YEFA012083A	Chassis, Main Block	
21	YEFV012455	Insulator, Display Block (R)	
22	YEFX0216099	Bracket, Rear	
23	YEFX9993107A	Bracket, Left Side	
24	YEFA012084A	Bottom Cover	
25	YGFX0216261	Bracket, Deck Rear	
51	YEJS05035	Screw	
52	YEJS06303	Screw	
53	YEJT01103	Screw	
54	YEJT03015	Screw	
55	YEJT03289	Tapping Screw	
56	YEJT03312	Screw	
58	XTB2+6GFX	Screw, M2x6	
59	XTB3+6FFX	Screw, M3x6	
60	YEJT03279	Tapping Screw	
61	YEJT03324	Screw	

## 9 EXPLODED VIEW (Unit)



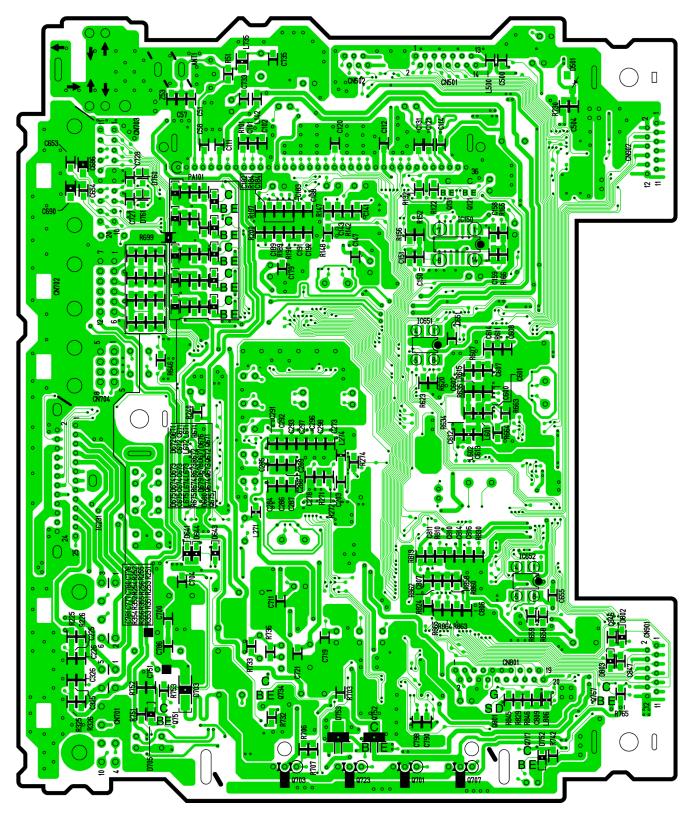
#### **10 WIRING DIAGRAM**

#### 10.1. Main Block (Top View)



[E-6982A][Top View]

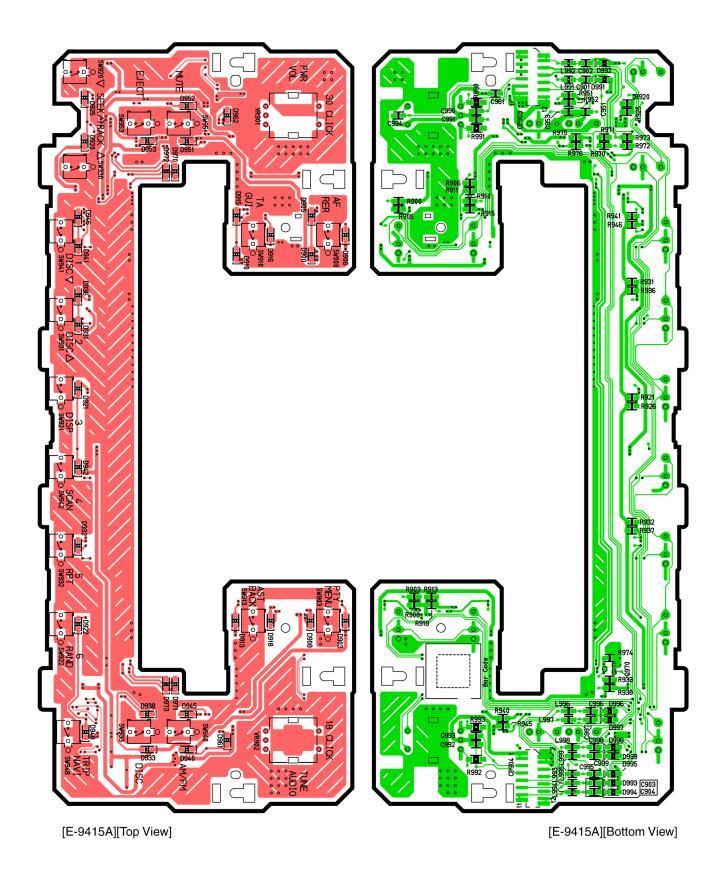
## 10.2. Main Block (Bottom View)



[E-6982A][Bottom View]

CQ-TS7471A MAIN P.C.B

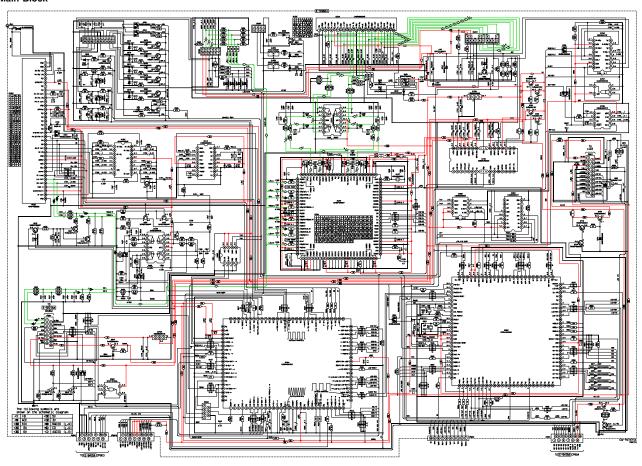
## 10.3. Display Block



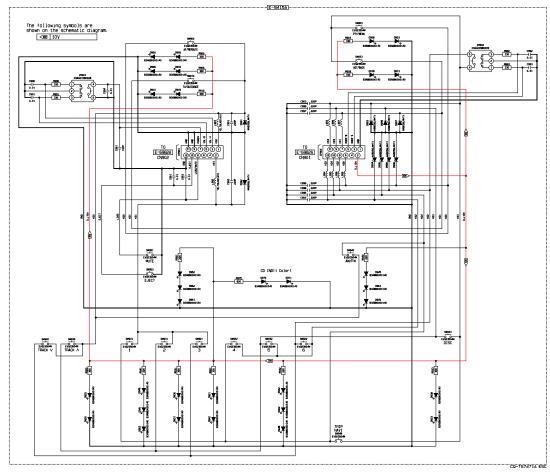
CQ-TS7471A Display P.C.B

#### 11 SCHEMATIC DIAGRAM

#### 11.1. Main Block



## 11.2. Display Block



CQ-TS7471A

## **12 MEMO**

#### PARTS AVAILABILITY

#### **HOW TO ORDER REPLACEMENT PARTS**

Replacement parts can be ordered from either a Parts Depot or directly from Toyota Motor Corporation. When ordering, please refer to the Replacement Parts List in this service manual to insure that you receive the correct part.

Please enter not only part number(s) but also unit number of TOYOTA car radio / car stereo in a REMARKS columun of the order sheet.

#### DISPONIBILIDAD DE PARTES DE REPUESTO

#### METODO DE HACER PEDIDOS DE PARTES DEREPUESTO

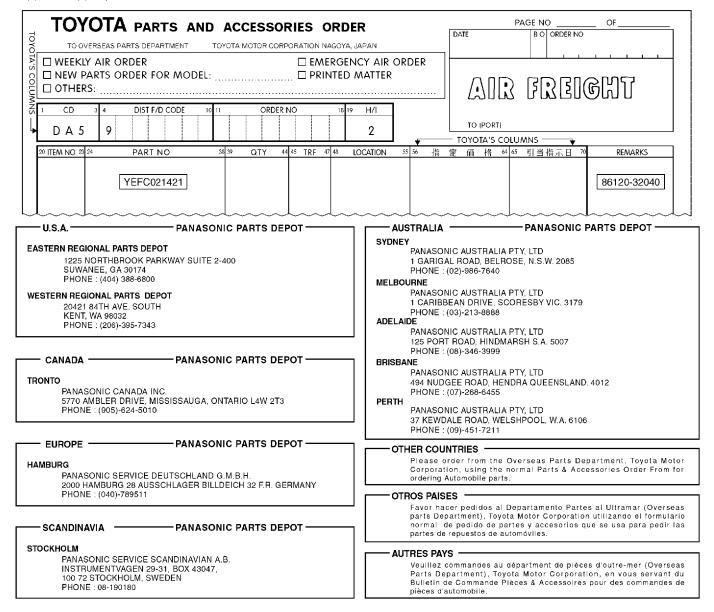
Partes de repuesto pueden pedirse tanto a un Depósito de Partes de Repuesto (Parts Depot) como directamente a la Toyota Motor Corporation. En hacer los pedidos, refiérase a la Lista de Partes de Repuesto que se encuentra en este manual de servicio a fin de asegurarse de su recibo de las partes correctas

Favor llenar la columna OBSERVACIONES de la hoja de pedido no solamente con el (los) número(s) de part(s) sino también con el número de la unidad de radio/estéreo de carro, TOYOTA.

#### DISPONIBILITE DE PIECES

#### MOYEN DE COMMANDER DES PIECES DE RECHANGE.

Les pièces de rechange seront commandées au Depôt de Pièces (Parts Depot) ou directement à Toyota Motor Corporation. Lors d'une commande, veuillez consulter le Liste de pièces de rechange dans ce manuel d'atelier pour être sûr que vous recevez la pièce extacte. Veuillez écrire non seulement le(s) numéro(s) de pièce mais aussi le numéro d'unité de TOYOTA auto-radio/auto-stéréo dans la colonne REMARQUES du bullentin de commande.



#### TOYOTA MOTOR CORPORATION

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## YGFD15269

'05. 5. 12

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4 BLOCK DIAGRAM (CD Deck)3	9 WIRING DIAGRAM (CD Deck)
5 TERMINALS DESCRIPTION (CD Deck)4	10 SCHEMATIC DIAGRAM (CD Deck)1

#### 1 FEATUERS

- · NCD-9 CD Deck.
- · 12cm CD only.
- · The specifications are based on the main unit.

#### 2 LASER PRODUCTS

## Do not take apart this unit or attempt to make any changes yourself.

This unit is very intricate that uses a laser pickup to retrieve information from the suface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.

Laser products:

Wave length 780nm

Laser power No hazardous radiation is

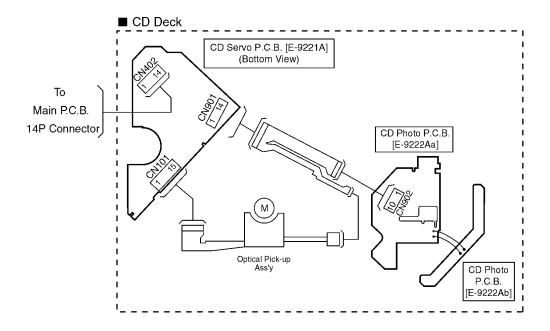
emitted with safety protection.

#### Caution

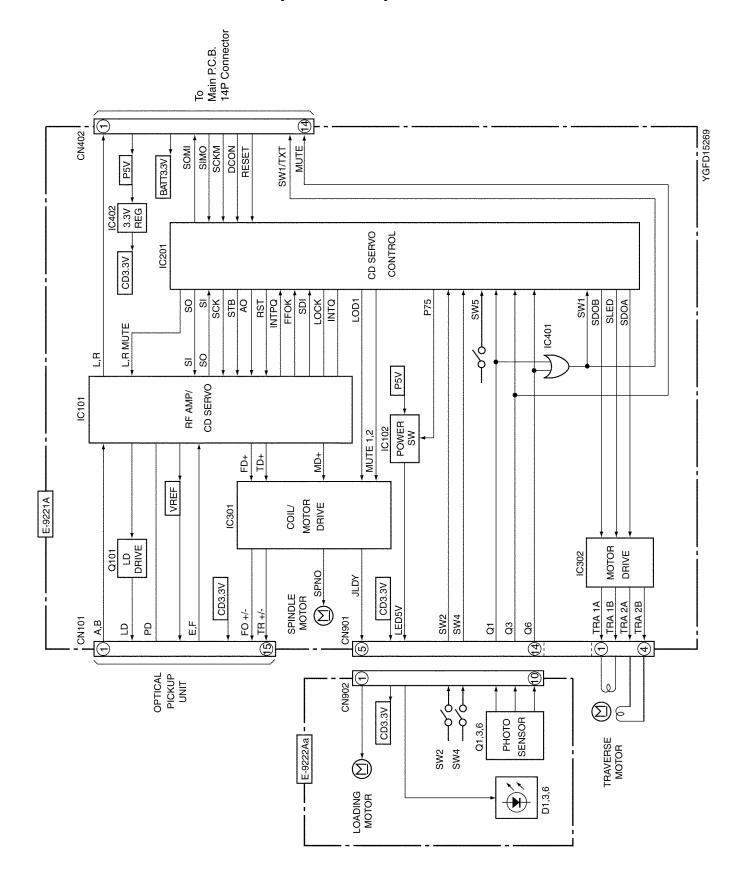
This product utillzes a laser.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

## 3 WIRING CONNECTION (CD Deck)



## 4 BLOCK DIAGRAM (CD Deck)

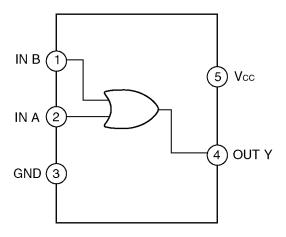


## 5 TERMINALS DESCRIPTION (CD Deck)

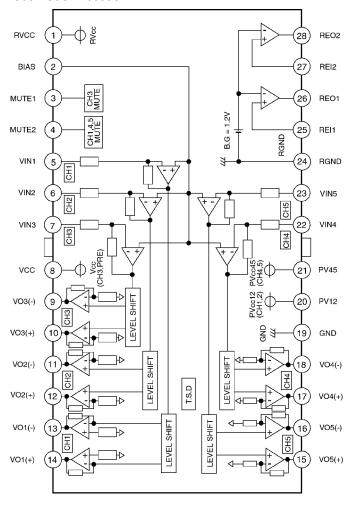
2         P51/RST         D63712 /RST Signal         O           3         P52 A0         D63712 A0 Signal         O           4         P53/STB         D63712 /STB Signal         O           5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SO         O           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1	(V)  3.4  3.4  2.9  3.3  0  3.4  3.4  -  -  -  3.4  1.8  3.4  0  1.8  3.2  3.4  0  -  -  2.6  1.7
1         P50 RFOK         D63712 RFOK Signal         I           2         P51/RST         D63712 /RST Signal         O           3         P52 A0         D63712 A0 Signal         O           4         P53/STB         D63712 /STB Signal         O           5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SO         O           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19	3.4 2.9 3.3 0 3.4 3.4 
2         P51/RST         D63712 /RST Signal         O           3         P52 A0         D63712 A0 Signal         O           4         P53/STB         D63712 /STB Signal         O           5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SO         O           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1	3.4 2.9 3.3 0 3.4 3.4 
3         P52 A0         D63712 A0 Signal         O           4         P53/STB         D63712 /STB Signal         O           5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SCK         I           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -	2.9 3.3 0 3.4 3.4 
4         P53/STB         D63712 /STB Signal         O           5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SCK         I           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -         -           22         Q1 ANI3         SW1 <t< td=""><td>3.3 0 3.4 3.4 - - - 3.4 1.8 3.4 0 1.8 3.2 3.4 0 - - - - - - - - - - - - -</td></t<>	3.3 0 3.4 3.4 - - - 3.4 1.8 3.4 0 1.8 3.2 3.4 0 - - - - - - - - - - - - -
5         P54 XEN         D63712 /XTALEN Signal         O           6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SCK         I           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -         -           22         Q1 ANI3         SW1         I           24         Q6ANI1         SW6         I </td <td>0 3.4 3.4 - - 3.4 1.8 3.4 0 1.8 3.2 3.4 0 - - - 2.6 1.7</td>	0 3.4 3.4 - - 3.4 1.8 3.4 0 1.8 3.2 3.4 0 - - - 2.6 1.7
6         P55 8/12cm         0:12cm 1:8cm         I           7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I           8         P57(NC)         -         -           9         VSS0         -         -           10         VDD0         -         -           11         SI31         Pana Bus SI         I           12         SO31         Pana Bus SCK         I           13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -         -           22         Q1 ANI3         SW1         I           23         Q3 ANI12         SW3         I           24         Q6ANI1         SW6         I	3.4 
7         P56 HOLD         0:Wound vibration(Defect Hold)         1: I Normal (No Defect Hold)         1: I Normal (Normal (No Defect Hold)         1: I Normal (Normal (Norma	3.4 
Normal (No Defect Hold)	- - 3.4 1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
8       P57(NC)       -       -         9       VSS0       -       -         10       VDD0       -       -         11       SI31       Pana Bus SI       I         12       SO31       Pana Bus SC       O         13       SCK31       Pana Bus SCK       I         14       SI SI30       D63712 SI       I         15       SO SO30       D63712 SO       O         16       SCK/SCK30       D63712 SCK       O         17       P23 SW2       SW2       I         18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	3.4 1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
9 VSS0	3.4 1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
10         VDD0         -         -           11         Si31         Pana Bus SI         I           12         SO31         Pana Bus SO         O           13         SCK31         Pana Bus SCK         I           14         SI Si30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -         -           22         Q1 ANI3         SW1         I           23         Q3 ANI12         SW3         I           24         Q6ANI1         SW6         I	1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
11       SI31       Pana Bus SI       I         12       SO31       Pana Bus SO       O         13       SCK31       Pana Bus SCK       I         14       SI SI30       D63712 SI       I         15       SO SO30       D63712 SO       O         16       SCK/SCK30       D63712 SCK       O         17       P23 SW2       SW2       I         18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
12       SO31       Pana Bus SO       O         13       SCK31       Pana Bus SCK       I         14       SI SI30       D63712 SI       I         15       SO SO30       D63712 SO       O         16       SCK/SCK30       D63712 SCK       O         17       P23 SW2       SW2       I         18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	1.8 3.4 0 1.8 3.2 3.4 3.4 0 - - 2.6 1.7
13         SCK31         Pana Bus SCK         I           14         SI SI30         D63712 SI         I           15         SO SO30         D63712 SO         O           16         SCK/SCK30         D63712 SCK         O           17         P23 SW2         SW2         I           18         P24 SW5         SW5         I           19         P25 SW4         SW4         I           20         VDD1         -         -           21         AVSS         -         -           22         Q1 ANI3         SW1         I           23         Q3 ANI12         SW3         I           24         Q6ANI1         SW6         I	3.4 0 1.8 3.2 3.4 3.4 0 - 2.6 1.7
14       SI SI30       D63712 SI       I         15       SO SO30       D63712 SO       O         16       SCK/SCK30       D63712 SCK       O         17       P23 SW2       SW2       I         18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	0 1.8 3.2 3.4 3.4 0 - 2.6 1.7
15     SO SO30     D63712 SO     O       16     SCK/SCK30     D63712 SCK     O       17     P23 SW2     SW2     I       18     P24 SW5     SW5     I       19     P25 SW4     SW4     I       20     VDD1     -     -       21     AVSS     -     -       22     Q1 ANI3     SW1     I       23     Q3 ANI12     SW3     I       24     Q6ANI1     SW6     I	1.8 3.2 3.4 3.4 0 - - 2.6 1.7
16     SCK/SCK30     D63712 SCK     O       17     P23 SW2     SW2     I       18     P24 SW5     SW5     I       19     P25 SW4     SW4     I       20     VDD1     -     -       21     AVSS     -     -       22     Q1 ANI3     SW1     I       23     Q3 ANI12     SW3     I       24     Q6ANI1     SW6     I	3.2 3.4 3.4 0 - - 2.6 1.7
17       P23 SW2       SW2       I         18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	3.4 3.4 0 - - 2.6 1.7
18       P24 SW5       SW5       I         19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	3.4 0 - - 2.6 1.7
19       P25 SW4       SW4       I         20       VDD1       -       -         21       AVSS       -       -         22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	0 - - 2.6 1.7
20     VDD1     -     -       21     AVSS     -     -       22     Q1 ANI3     SW1     I       23     Q3 ANI12     SW3     I       24     Q6ANI1     SW6     I	- 2.6 1.7
21     AVSS     -     -       22     Q1 ANI3     SW1     I       23     Q3 ANI12     SW3     I       24     Q6ANI1     SW6     I	1.7
22       Q1 ANI3       SW1       I         23       Q3 ANI12       SW3       I         24       Q6ANI1       SW6       I	1.7
23         Q3 ANI12         SW3         I           24         Q6ANI1         SW6         I	1.7
24 Q6ANI1 SW6 I	
	2.1
1 25 ISDI ANIO IIIIDUL OI LITEAU I I I	3.4
26 AVREF	_
27 AVDD	-
28 /RESET	-
29 XT2(NC)	
30 XT1	_
31 IC/VPP	
32 X2	_
33 X1	-
34 VSS1	_
35 INTP0 D63712 SUBQ/CD TextInt I	0
36   INTQ INTP1   -	0
	3.1
ON)	3.1
38 P03 RMUTE TEST	0
39 P70 LMUTE TEST	0
40 P71 IFR TEST PORT(P TP40) O	0
41 TO50 SD0A Stepping motor drive PWM output O	0
42 TO51 SD0B Stepping motor drive PWM output O	0
	3.4
43   P74 SWT     SWT level control (at CD TEXT data 1/0   sent)	3.4
	3.4
(turning off): DISC clamping	0
45 P40 TEST PORT(P TP45) O	0
	3.4
	3.4
48 P43 LOD2(NC)	-
49 P44 LOD1 Loading motor control terminal 1 O	1.9
50 P45 Driver power supply MUTE (thread O	0
STB12(SLED)   output) control	J
51 P46 Driver power supply MUTE (LOAD O	0
STB6(LOAD)   output) control	-
	3.4
output) control	

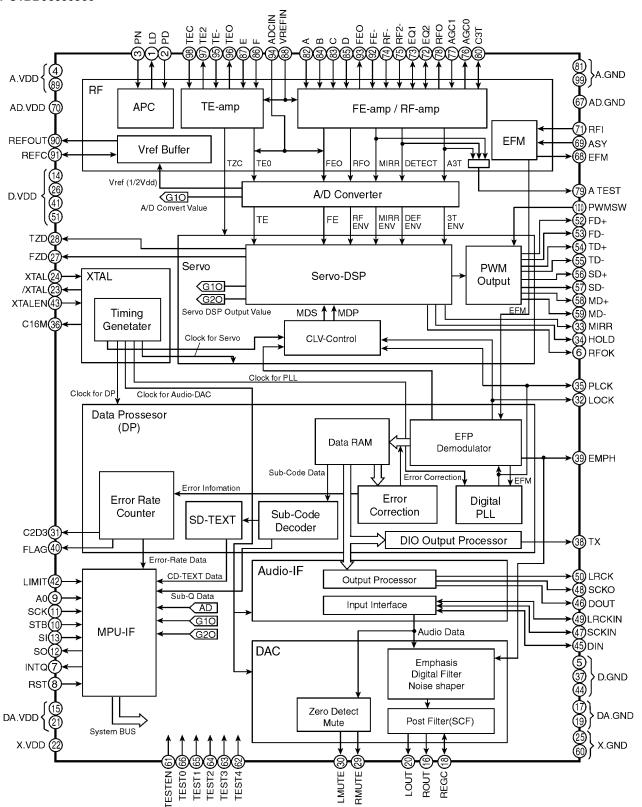
## 6 IC BLOCK DIAGRAM (CD Deck)

#### IC401 C0JBAE000087



#### IC301 C0GBY0000012





## 7 REPLACEMENT PARTS LIST

#### Notes:

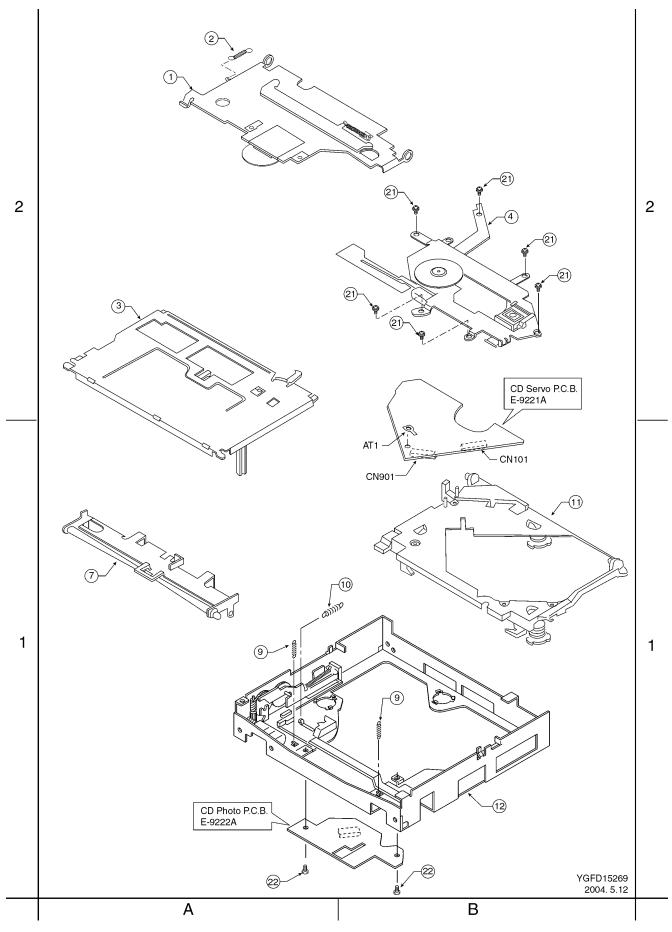
- Be sure to make your orders of replacement parts according to this list.
- Important safety notice: Components, identified by 
   <u>↑</u> mark
  have special characteristics important for safety. When
  replacing any of these components, use only
  manufacturer's specified parts.
- 3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
- 4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

	•	· · · · · · · · · · · · · · · · · · ·	
Ref. No.	Part No.	Part Name & Description	Remarks
[E9221 <i>i</i>	A] CD Servo Blo	ck	
IC's ar	nd TRANSISTORs		
IC101	C1BB00000806	IC	
IC102	B1GKGBNN0001	IC	
IC201	C2BBFD000461	IC	
IC301	C0GBY0000012	IC	
IC302	YEAMD16808G	IC	
IC401	C0JBAE000087	IC	
IC402	YEAMMC3326D3	IC	
Q101	2SB766ATX	Transistor	
DIODEs	•		
D1	MA152WKTX	Diode	
D123	B0ACCK000005	Diode	
CAPACIT	[ORs		1
C101	F1G1A104A001	Ceramic, 0.1µF 10WV	
C102	F1G1A104A001	Ceramic, 0.1µF 10WV	
C103	F3H0J1070005		
C104	F1G1H222A401	Ceramic, 2200PF 50WV	+
C105	F1G1H152A401	Ceramic, 1500PF 50WV	
C107	F1G1E1030003	Ceramic, 0.01 µF 25 WV	1
C111	F1J0J1060007	Ceramic, 10 µF 6.3 WV	1
C112	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C114	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C115	F1J0J1060007	Ceramic, 10 µF 6.3 WV	
C116	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C117	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C118	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C120	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C133	F1G1A104A001	Ceramic, 0.1µF 10WV	
C151	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C167	F1G1A104A001	Ceramic, 0.1µF 10WV	1
C168	F1G1E1030003	Ceramic, 0.01 µF 25 WV	
C169	F1G1A104A001	Ceramic, 0.1µF 10WV	
C173	F1G1H470A058	Ceramic, 47PF 50WV	1
C174	F1G1H2R0A101	Ceramic, 2.0PF 50WV	
C176	F1H1H272A021	Ceramic, 2700PF 50WV	
C177	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	1
C180	F1G1A104A001	Ceramic, 0.1µF 10WV	
C190	F1G1A104A001	Ceramic, 0.1µF 10WV	+
C191	F1G1A104A001	Ceramic, 0.1µF 10WV	+
C192	F1G1H330A058	Ceramic, 33PF 50WV	1
C195	F1G1H330A058	Ceramic, 33PF 50WV	
<u></u>	1 131113304036	CCLUMIC/ JJFF JUNV	

Ref. No.	Part No.	Part Name & Description	Remarks
C197	F1G1A104A001	Ceramic, 0.1µF 10WV	
C198	F1G1H1020006	Ceramic, 1000PF 50WV	
C201	F1H1A4740008	Ceramic, 0.47µF 10WV	
C202	F1G1A104A001	Ceramic, 0.1µF 10WV	
C218	F1G1E1030003	Ceramic, 0.01µF 25WV	
C310	F1J0J1060007	Ceramic, 10 µF 6.3 WV	
C311	F1G1A104A001	Ceramic, 0.1µF 10WV	
C312	F1G1A104A001	Ceramic, 0.1µF 10WV	
C313	F1J0J1060007	Ceramic, 10 µF 6.3 WV	
C320 C321	F1G1E1030003 F1G1E1030003	Ceramic, 0.01µF 25WV Ceramic, 0.01µF 25WV	
C322	F1G1E1030003	Ceramic, 0.01µF 25WV	
C323	ECEV1CA470SP	Electrolytic, 47µF 16WV	
C324	F1H1A4740008	Ceramic, 0.47µF 10WV	
C441	F2G0J1010001	Electrolytic, 100µF 6.3WV	
C442	F1G1A104A001	Ceramic, 0.1µF 10WV	
C443	F1H1A4740008	Ceramic, 0.47µF 10WV	
C444	F1G1A104A001	Ceramic, 0.1µF 10WV	
C446	F2G0J1010001	Electrolytic, 100µF 6.3WV	
C604	F1H1H4710007	Ceramic, 470PF 50WV	
C605	F1H1H4710007	Ceramic, 470PF 50WV	
C606 C607	F1H1H4710007 F1H1H4710007	Ceramic, 470PF 50WV Ceramic, 470PF 50WV	
2007		COLUMN TOPE SOWV	
RESISTO	Rs	•	'
	D0GBR00Z0001	Metal Film, $0\Omega$ 1/16W	
R102	D0GD1R0JA028	Metal Film, $1\Omega$ 1/16W	
R114	D0GBR00Z0001	Metal Film, 0 $\Omega$ 1/16W	
R123	D0GA473JA013	Metal Film, $47k\Omega$ 1/16W	
R141	D0GA103JA013	Metal Film, 10kΩ 1/16W	
R142	D0GA103JA013	Metal Film, 10kΩ 1/16W	
R143	D0GA103JA013	Metal Film, 10kΩ 1/16W	
R144 R145	D0GA103JA013 D0GA103JA013	Metal Film, $10k\Omega$ 1/16W  Metal Film, $10k\Omega$ 1/16W	
R146	D0GA103JA013	Metal Film, $10k\Omega$ 1/16W	
R152	D0GA682JA013	Metal Film, 6.8kΩ 1/16W	
R154	D0GA103JA013	Metal Film, 10k $\Omega$ 1/16W	
R156	DOYAROOJOOO2	Metal Film, 0 $\Omega$ 1/16W	
R158	D0GA122JA013	Metal Film, 1.2kΩ 1/16W	
R168	D0GA103JA013	Metal Film, 10kΩ 1/16W	
R169 R173	D0GA393JA013 D0GA122JA013	Metal Film, 39kΩ 1/16W	
R186	D0GA1225A013	Metal Film, 1.2k $\Omega$ 1/16W Metal Film, 33k $\Omega$ 1/16W	
R187	D0GA333JA013	Metal Film, 33kΩ 1/16W	
R199	DOYAROOJOOO2		
R201		Metal Film, $0\Omega$ 1/16W	
	D0GBR00Z0001	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R204		Metal Film, 0 $\Omega$ 1/16W Metal Film, 0 $\Omega$ 1/16W Metal Film, 0 $\Omega$ 1/16W	
R204 R205	D0GBR00Z0001	Metal Film, $0\Omega$ 1/16W	
	D0GBR00Z0001 D0YAR00J0002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207	D0GBR00Z0001 D0YAR00J0002 D0GA473JA013 D0GA473JA013 D0GA332JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W	
R205 R206 R207 R213	DOGBR00Z0001 DOYAR00J0002 DOGA473JA013 DOGA473JA013 DOGA33ZJA013 DOYAR00J0002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218	D0GBR00Z0001 D0YAR00J0002 D0GA473JA013 D0GA473JA013 D0GA332JA013 D0YAR00J0002 D0GA563JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223	DOGBR00Z0001 DOYAR00J0002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAR00J0002 DOGA563JA013 DOGA563JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOGA563JA013 DOYAROOJO002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322	D0GBR00Z0001 D0YAR00J0002 D0GA473JA013 D0GA473JA013 D0GA332JA013 D0YAR00J0002 D0GA563JA013 D0YAR00J0002 D0YAR00J0002 D0YAR00J0002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOGA563JA013 DOYAROOJO002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354	D0GBR00Z0001 D0YAR00J0002 D0GA473JA013 D0GA473JA013 D0GA332JA013 D0YAR00J0002 D0GA563JA013 D0YAR00J0002 D0YAR00J0002 D0YAR00J0002 D0YAR00J0002 D0YAR00J0002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOGA103JA013 ERJ2GEJ334X	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOGA103JA013 ERJ2GEJ334X DOYAROOJO002	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOYAROOJO002 DOYAROOJO002 DOGA103JA013 ERJ2GEJ334X DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOGA273JA013 DOGA102JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R433 R440 R442	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOYAROOJO002 DOYAROOJO002 DOGA103JA013 ERJ2GEJ334X DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOGA273JA013 DOGA102JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R433 R440 R442 R604	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA102JA013 DOGA102JA013 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R433 R440 R442	DOGBROOZO001 DOYAROOJO002 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJO002 DOGA563JA013 DOYAROOJO002 DOYAROOJO002 DOGA103JA013 ERJ2GEJ334X DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOYAROOJO002 DOGA273JA013 DOGA102JA013	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R433 R440 R442 R604	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA332JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA102JA013 DOGA102JA013 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R443 R443 R440 R442 R604	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA273JA013 DOGA102JA013 DOGA102JA013 DOGA102JA013 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R443 R440 R442 R604 R607	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA102JA013 DOGA102JA013 DOGA102JA013 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R443 R443 R440 R442 R604	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA273JA013 DOGA102JA013 DOGA102JA013 DOGA102JA013 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R443 R440 R442 R604 R607	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA10ZJA013 DOGA10ZJA013 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R443 R440 R442 R604 R607  CONNECTO CN101 CN402	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA102JA013 DOGA02JA013 DOGBROOZOOO1 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	
R205 R206 R207 R213 R218 R223 R321 R322 R354 R411 R423 R431 R442 R604 R607 CONNECTO CN101 CN402	DOGBROOZOOO1 DOYAROOJOOO2 DOGA473JA013 DOGA473JA013 DOGA473JA013 DOYAROOJOOO2 DOGA563JA013 DOYAROOJOOO2 DOYAROOJOOO2 DOYAROOJOOO2 DOGA103JA013 ERJ2GEJ334X DOYAROOJOOO2 DOYAROOJOOO2 DOGA273JA013 DOGA102JA013 DOGA02JA013 DOGBROOZOOO1 DOGBROOZOOO1 DOGBROOZOOO1	Metal Film, $0\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $47k\Omega$ 1/16W Metal Film, $3.3k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $56k\Omega$ 1/16W Metal Film, $0\Omega$ 1/16W	

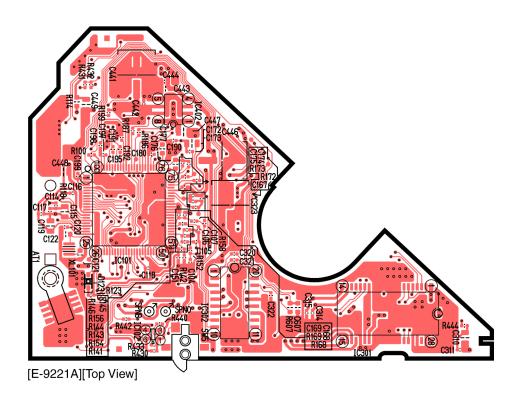
Ref. No. SWITCHE	Part No.	Part Name & Description	Remarks
SWITCHE			
		l	
SW5 K	0L1BA000022	Switch	
SW3 K	ULIBAUUUU22	SWILCH	
CDVCM3.7.			
CRYSTALs			
		Crystal	
XL201 H	2D838400004	Crystal	
	CD Photo Bloc	k	
	TRANSISTORs		
Q1 B.	3нв00000019	Transistor	
Q3 B.	3нв00000019	Transistor	
Q6 B	3НВ00000019	Transistor	
DIODEs			
D1 B	3EB00000013	Diode	
D3 B.	3EB00000013	Diode	
D6 B	3EB00000013	Diode	
RESISTORS			
		Chip, 0 <b>Ω</b> 1/8W	
	RJ8GEY0R00V	Chip, 0Ω 1/8W	
		Chip, 0Ω 1/8W	
		Chip, 0Ω 1/8W	
	RJ6GEYJ332	Chip, 3.3kΩ 1/10W	
	RJ6GEYJ224		
		Chip, 220kΩ 1/10W	
		Chip, 220kΩ 1/10W	
		Chip, 220kΩ 1/10W	
		Chip, 120Ω 1/10W	
	RJ6GEYJ121	Chip, 120Ω 1/10W	
	RJ6GEYJ121	Chip, 120 <b>Ω</b> 1/10W	
		Metal Film, 0Ω 1/16W	
R483 E	RJ6GEYJ332	Chip, 3.3kΩ 1/10W	
CONNECTOR	s		
CN902 K	1MN10B00102	Connector, 10P	
SWITCHES			
SW2 K	0L1BA000022	Switch	
SW4 K	0L1BA000023	Switch	
Mechanica	l Parts		
MISCELLAN			
	EATSD00405	Terminal	
	GP0FX5370	Clamper Arm Unit	
-	GFX0052745	Clamper Arm Spring	
<del> </del>		Main Chassis (U) Unit	
	GP0FX4988	Traverse Unit	
	GP0FX4996	Feeder Arm Unit	
	GFX0052672	Suspension Spring (B)	
	GFX0052672	Suspension Spring (A)	
	GP0FX4993	Suspension Unit	
12 Y	GP0FX5303	Main Chassis (L) Unit	
	GJS02044	Screw	
22 Y	GJS02043	Screw, M1.4 * 2	
<u> </u>			

## 8 EXPLODED VIEW (CD Deck)

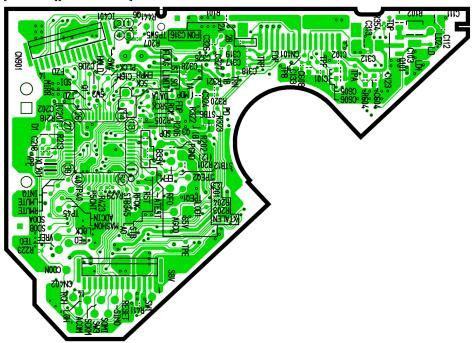


## 9 WIRING DIAGRAM (CD Deck)

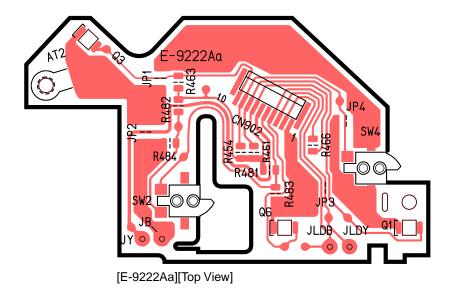
#### 9.1. CD Servo Block

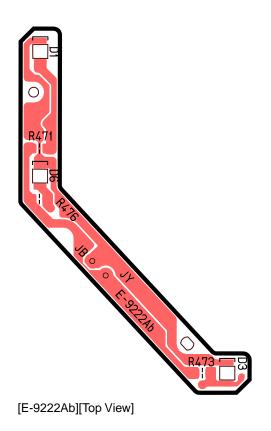


#### [E-9221A][Bottom View]



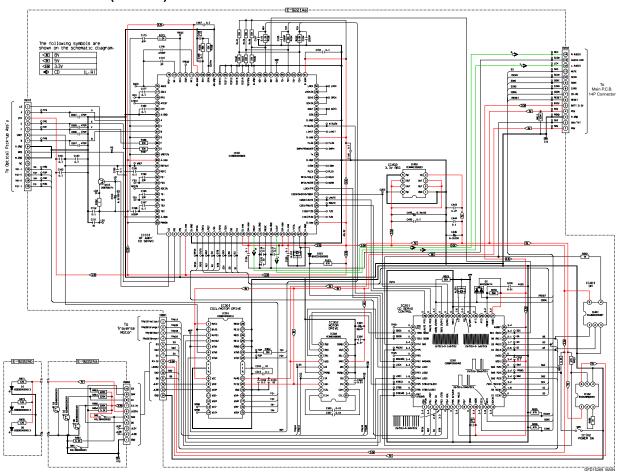
#### 9.2. CD Photo Block





YGFD15269 CD PHOTO P.C.B.

#### 10 SCHEMATIC DIAGRAM (CD Deck)



11

