



Colour Television Service Manual

Model **CE30LD3-B**
CE30LD3BK-B

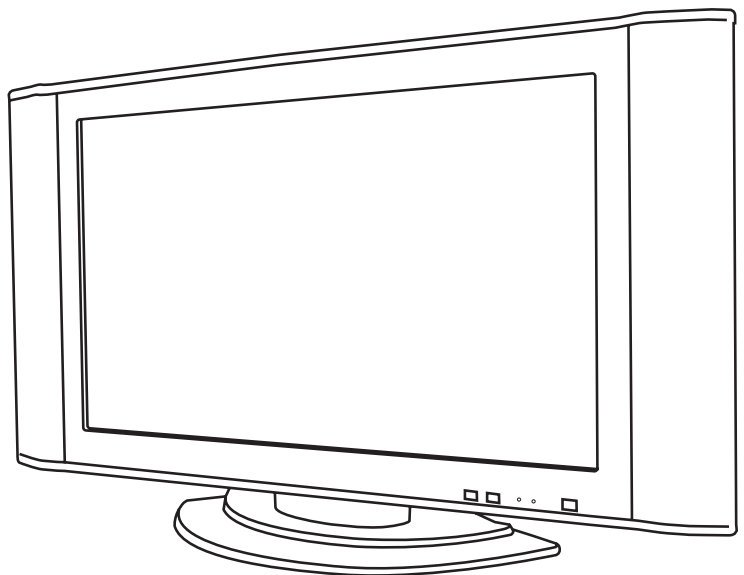
CE30LD3-B

CE30LD3BK-B

Service Ref. No. CE30LD3-B-00
CE30LD3BK-B-00

PRODUCT CODE: 111369508 (CE30LD3-B)
111369508 (CE30LD3BK-B)

ORIGINAL VERSION: Chassis No. UB4-B



Please use Schematic Diagram SKP20429 with this Service Manual.

Give complete "SERVICE REF. NO." for parts order or servicing, it is shown on the rating sheet on the cabinet back of the TV set.

Note

This TV receiver will not work properly in foreign countries where the television transmission system and power source differ from the design specifications. Refer to the specifications for the design specifications

Contents

Safety precautions/Specifications	2
Block diagrams	3
Cabinet Disassembly	4
Adjustment and Repair Procedures.....	5-9
CPU Port Functions	10
IC Block Diagrams	11-13
Pin description of semiconductors	14
Part Description and reading of schematic diagram	15
Cabinet Parts List	16
Electric Parts List	17-26

SAFETY PRECAUTION

- | | |
|--|---|
| 1: An isolation transformer should be connected in the power line between the receiver and the AC line when a service is performed on the primary of the converter transformer of the set. | 3: When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as, control knobs, adjustment covers or shields, barriers, isolation resistor-capacitor networks etc. Before returning any television to the customer, the service technician must be sure that it is completely safe to operate without danger of electrical shock. |
| 2: Comply with all caution and safety-related notes provided on the cabinet back, inside the cabinet, on the chassis or the LCD display . | |

PRODUCT SAFETY NOTICE

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by mark $\triangle$ in the parts list and the schematic diagram designate components in which safety can be of special significance. It is particularly recommended that only parts designated on the parts list in this manual be used for component replacement designated by mark $\triangle$. No deviations from resistance wattage or voltage ratings may be made for replacement items designated by mark $\triangle$.

SPECIFICATIONS

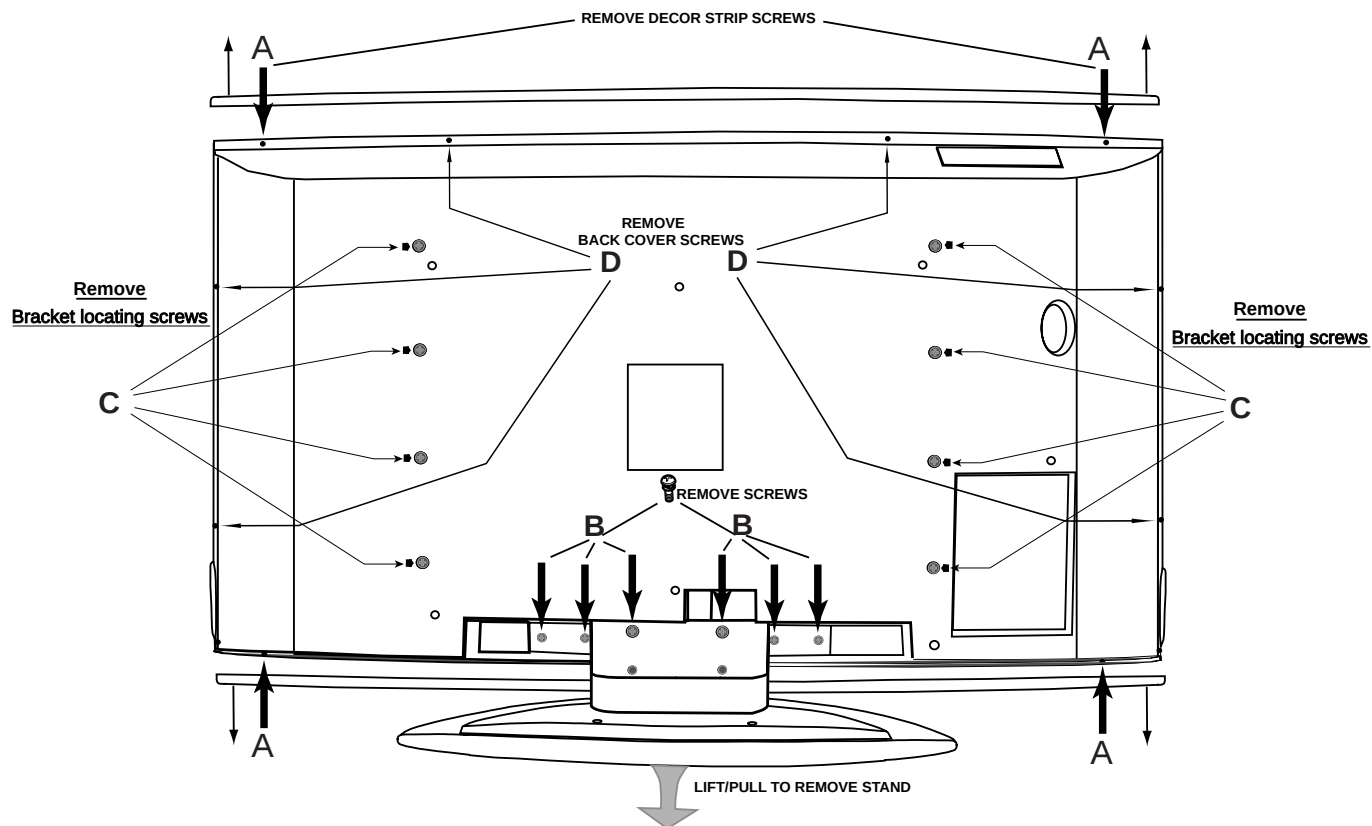
SPECIFICATIONS ARE COMMON FOR BOTH MODELS CE30LD3-B AND CE30LD3BK-B

Power source	AC 220~240V, 50Hz
Television system	System I
Colour system	PAL/NTSC4.43 (PAL/NTSC4.43/NTSC3.58 IN AV MODE)
Receiving channel	UHF: 21~69
Aerial input impedance	75ohm
Rear AV terminal	
AV1:	CENELEC standard
INPUT:	Composite video, RGB and Audio L/R
OUTPUT:	TV-output with composite video and audio L/R
AV2:	CENELEC standard
INPUT:	Composite video, RGB, S-VHS and Audio L/R
OUTPUT:	Monitor output with composite video and Audio L/R
Front AV terminal	
AV3:	RCA jacks
INPUT:	Composite video and Audio L/R
Headphone socket	Mini Jack
Sound output(Music)	12 x 2W
Dimensions (WxHxD)	915 x 588 x 220mm
Weight	20.5 Kg

This is a diagram for all models and therefore differs slightly from the actual block diagram.



CABINET BACK DISASSEMBLY



To remove the backcover:-

1. Remove decor strips by removing 4 screws marked **A**.
2. Lay set on soft surface face down and remove 6 screws marked **B** then remove stand as indicated.
3. Remove 8 bracket locating screws marked **C**.
4. Remove back cover by removing 6 screws marked **D**.

OPTION SETTING

[After replacing the Memory IC (IC803)]

The memory IC, IC803, stores the option data of TV set and service adjustments data for each circuit, therefore, when the memory IC is replaced, it should be performed following setting and "SERVICE ADJUSTMENT" on next page.

To enter to the Option Mode

- + Press and hold the **F/OK** button on the remote control and **P▼** button on the front panel of the TV. The option window will appear on the screen.

ON-TIMER	OFF
PLUG AND PLAY	ON
WELCOME TEXT	ON
BBE	OFF
AUTO VOLUME	OFF
HEADPHONE	OFF
CRT 16:9 MODE	ON
NOISE REDUCTION	ON
COUNTRY	UK
RASTER ROTATION	OFF
SESA	OFF
DIGITAL RC	ON
LIGHT MONITORING	ON
VIDEO MUTE	OFF

OPTION MODE FOR CE30LD3-B-00 / CE30LD3BK-B-00

To set the option mode

- + Highlight the desired option item by using the **P▲** or **P▼** button .
- + To switch the option mode, use the **Volume - (LEFT)** or **Volume + (RIGHT)** button.
- + The data which is set in the option mode is stored into the memory IC automatically.

Following table shows the available option items and default setting mode.

<u>Option Mode</u>	<u>Mode</u>	<u>Description & Note</u>
ON-TIMER	ON or OFF	On-timer available, default "OFF"
PLUG AND PLAY	ON or OFF	Plug and Play mode, default "ON"
WELCOME TEXT	ON or OFF	Display message when first set up, default "ON"
BBE	ON or OFF	BBE sound mode, default "OFF"
AUTO VOLUME	OFF or ON	Default "OFF"
HEADPHONE	ON or OFF	Headphone control , default "OFF"
CRT 16:9 MODE	ON or OFF	Default "ON"
NOISE REDUCTION	ON or OFF	Default "ON"
COUNTRY	UK, IRE BG/DK / I / LL'	TV system, default "UK"
RASTER ROTATION	ON or OFF	Default "OFF"
SESA	ON or OFF	Default "OFF"
DIGITAL RC	ON or OFF	Digital option, default "ON"
LIGHT MONITORING	ON or OFF	Ambient light control of LCD brightness, default "ON"
VIDEO MUTE	ON or OFF	Default "OFF"

Exit from the Service Mode

- + Press the **MENU**  button.

SERVICE ADJUSTMENTS

Note: Some items of the service adjustments for this chassis are controlled by the CPU, IC801, and the adjustments are carried out by using the RC handset.

INITIALISATION OF MEMORY IC

To initialise the memory IC (IC803), press and hold the **NORMAL** →•← button on the remote control, then press the **P▼** button on the front panel of the TV set and then turn the Mains switch Off and On. The initialisation is now completed.

When initialised the memory IC and all of the setting data (option data and service adjustment data) stored in the IC are reset to the default value. It is necessary to set the option settings and readjust the service adjustments listed on page 6 and to re-tune all the channels.

The available adjustment items are as follows;

TDA9885 : This can be adjusted for AGC.

Video : This can be adjusted for the service adjustment.

DO NOT ADJUST OTHER SETTINGS

[After replacing the Memory IC (IC803)]

The memory IC, IC803, stores the service adjustments data for each circuit, therefore, when the memory IC is replaced, it should be programmed by using "OPTION SETTING" on previous page and the following adjustments.

TO ENTER SERVICE ADJUSTMENTS

While pressing the green button on the remote control press the **P▼** on the cabinet front.
The service menu appears.

Service
SV Vers 042

Video
Sound
STV2310
TDA9885
STV8206
Median Filter ON
Other
Colour Temperature
WSS
LCD Parameters
Fan control

Use the **P▼** or **P▲** to highlight the service menu you require and press the F/OK button to enter.

TO EXIT SERVICE ADJUSTMENTS

Press the Menu button to navigate backwards through the service menus until menus disappear.

IMPORTANT NOTICE

Do not attempt to adjust service adjustments not listed on the above otherwise it may cause loss of performance and product safety.

Service menu: Video

Enter the service adjustment menu as described on the previous page and select “Video” using the **P▼** or **P▲** buttons and then press the **F/OK** button to enter.

VIDEO	
G2 Alignment	Config.
White Point R	41
White Point G	32
White Point B	36
Peak White Limiter	0
Black Level offset R	8
Black Level offset G	8
Gain pre-scale RGB	0
Fast blanking delay	0
Luma/Chroma delay	0
Restore default	

Use the **P▼** or **P▲** buttons to select the option, then press the **F/OK** button on the remote control to enter.

Service menu: Sound

Enter the service adjustment menu as described on the previous page and select “Sound” using the **P▼** or **P▲** buttons and then press the **F/OK** button to enter.

Audio Menu	
● Audio Type	3
Volume	0
Balance	6
Loudness	13
Spatial effect	0

Use the **P▼** or **P▲** buttons to select the option, then press the **F/OK** button on the remote control to enter.

Service menu: TDA9885

Enter the service adjustment menu as described on the previous page and select “TDA9885” using the **P▼** or **P▲** buttons and then press the **F/OK** button to enter

TDA9885	
Write 1	70

Use the **P▼** or **P▲** buttons to select the option, then press the **F/OK** button on the remote control to enter.

ADJUSTMENTS

IMPORTANT NOTICE

Do not attempt to adjust the following service adjustments except when adjustments are required in servicing otherwise it may cause loss of performance and product safety.

AGC ADJUSTMENT

1. Select the clearest VHF station
2. Connect a digital voltmeter to test point TP-A and GND
3. Enter service menu : TDA9885
4. With the **P▼** or **P▲** buttons select "Write 1"
5. Adjust using the  + or  - buttons until the read-out from the voltmeter is 3.2 Vdc.

GREY SCALE ADJUSTMENT

SCREEN ADJUSTMENT

1. Make sure the set is warm (20 mins)
2. Receive Black and White picture/pattern
3. Enter service menu "Video"
4. Select item "White Point R" or "White Point B"
5. Using the  + or  - buttons adjust to make the white, white.

HORIZONTAL ADJUSTMENT

HORIZONTAL CENTRING ADJUSTMENT

1. Set wide screen mode to "FULL".
2. Preferably receive a circular pattern
3. Enter service menu "LCD Parameters"
4. Use the **P▼** or **P▲** buttons to highlight "H Display start".
5. Press the  + or  - buttons to adjust horizontal centre.

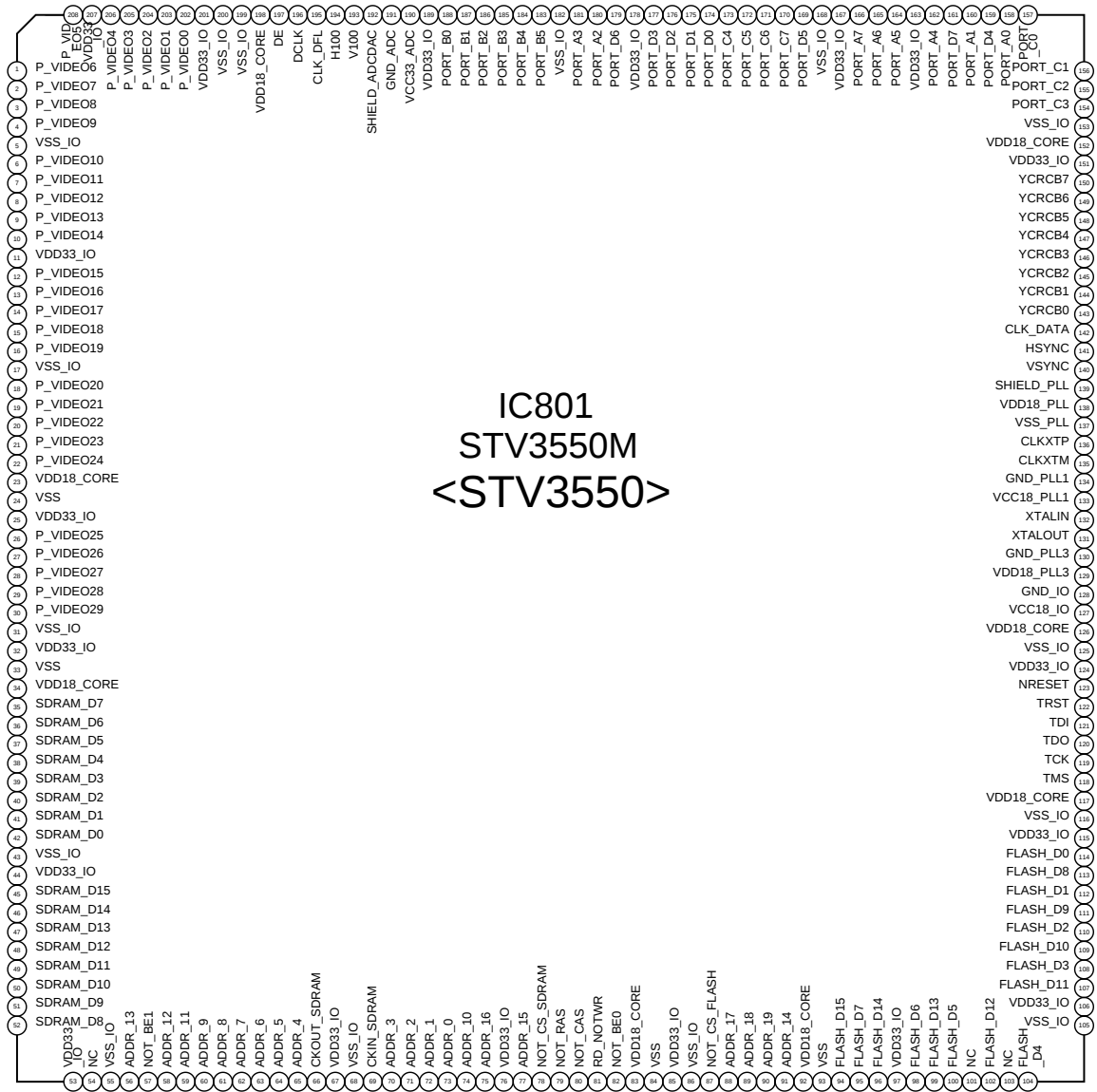
VERTICAL ADJUSTMENT

VERTICAL CENTRING ADJUSTMENT

1. Set wide screen mode to "FULL".
2. Preferably receive a circular pattern
3. Enter service menu "LCD Parameters"
4. Use the **P▼** or **P▲** buttons to highlight "V Display start"
5. Press the  + or  - buttons to adjust the vertical centre.

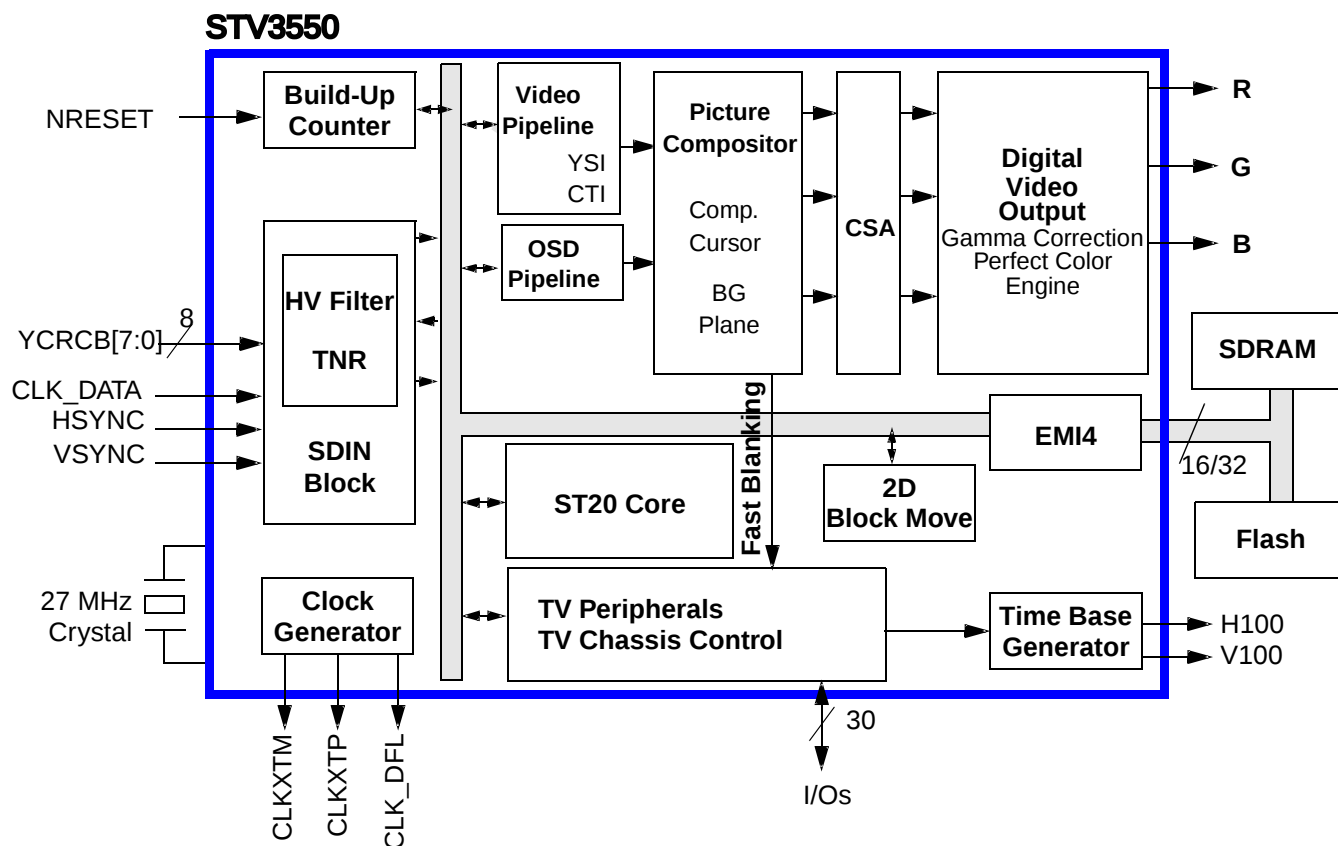
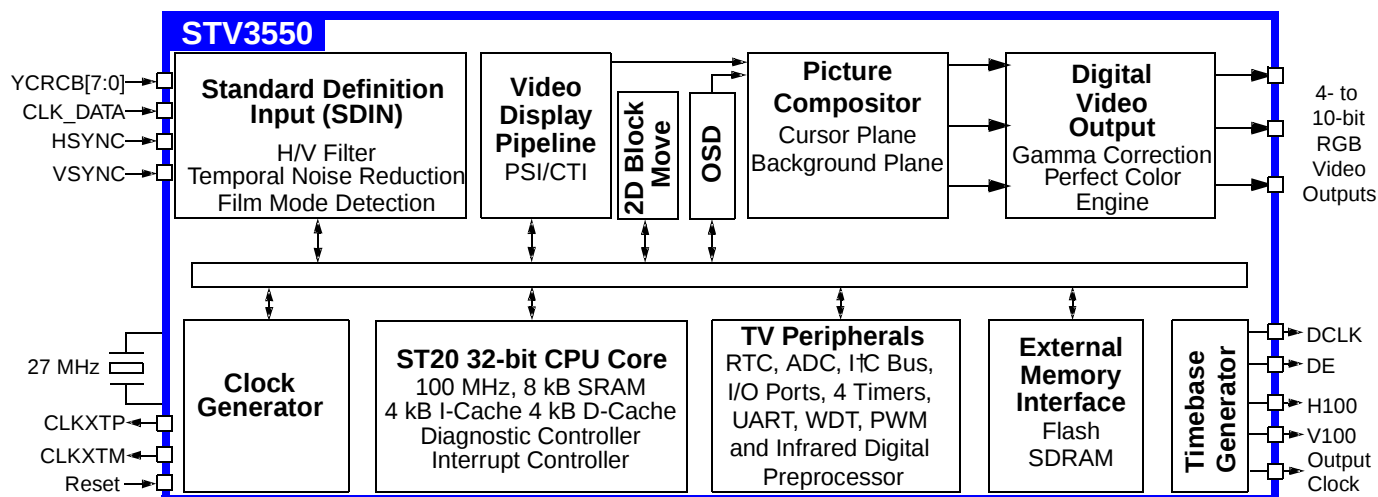
CPU PORT FUNCTIONS

IC801



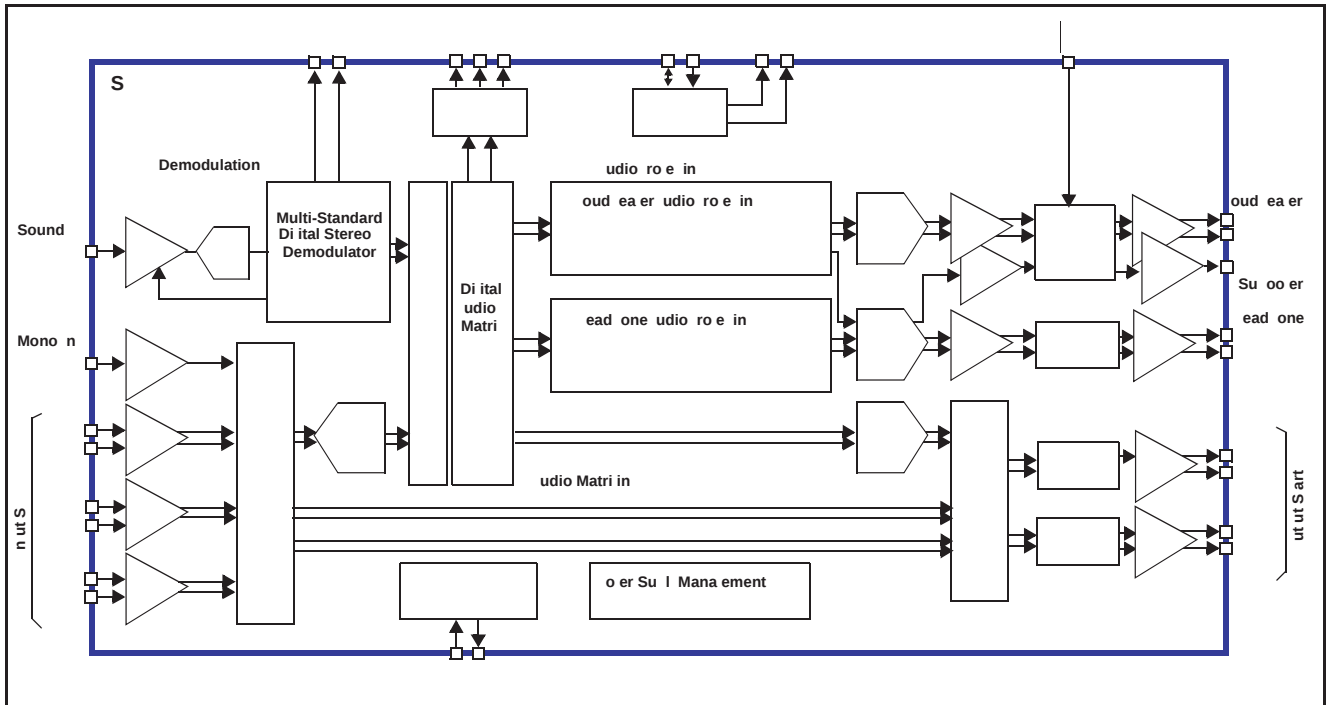
IC BLOCK DIAGRAMS

IC801

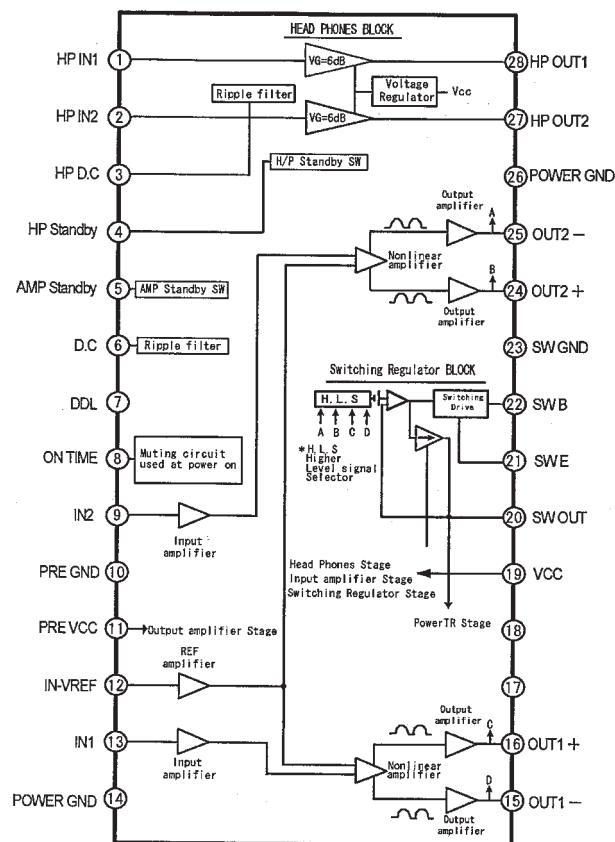


IC BLOCK DIAGRAMS

IC3451 STV8216T <NICAM & Stereo Sound Decoder>

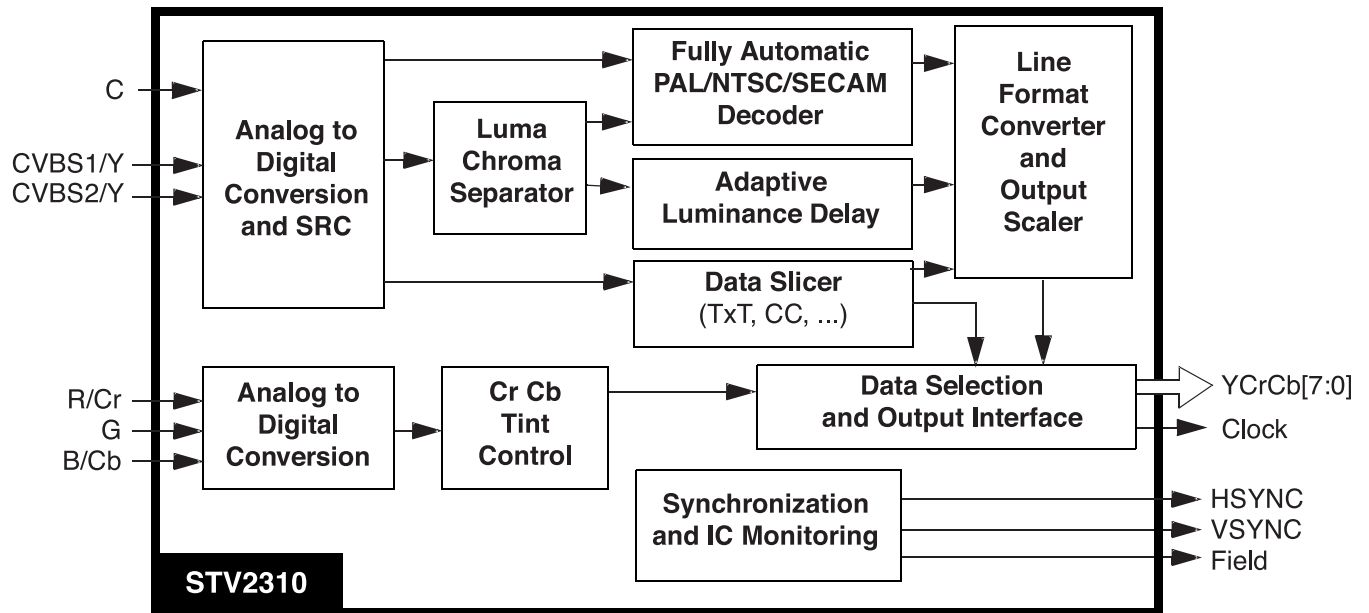


IC001 LA4919NE <Audio Output>



BLOCK DIAGRAMS

IC2001



● Diode

K: Cathode
 A: Anode

Diagrams illustrating various FET packages and symbols:

- Three physical package views (top row) showing pin configurations for different FET types.
- Legend for FET terminals:
 - C: Collector
 - B: Base
 - E: Emitter
 - D: Drain
 - G: Gate
 - S: Source
- Three circular symbols (bottom left) representing different FET types with their respective terminal labels.
- Two oval symbols (bottom middle) representing different FET types with their respective terminal labels.
- A vertical package view (bottom right) showing terminal labels.
- A circular symbol (bottom right) representing a FET type with its respective terminal labels.

PARTS DESCRIPTION AND READING IN SCHEMATIC DIAGRAM

1. The parts specification of resistors, capacitors and coils are expressed in designated code. Please check the parts description by the following code table.
2. Some of transistors and diodes are indicated in mark for the substitution of parts name. Please check the parts name by the following code table.
3. Voltages and waveforms were taken with a video colour bar signal(1Vp-p at 75 ohms terminated) and controls to normal.
4. Voltages were taken with a high-impedance digital voltmeter.

Capacitor Reading

Example 2000 K K 1000 BG

Example 160 E M 10

Characteristic

Capacitance value

Excepting electric capacitors, all capacitance values of less than 1 are expressed in μF and more than 1 are in pF.

Tolerance

Type

Rated voltage

Material table

Mark	Material
E	Electrolytic
P	Electrolytic (non-Polarised)
C	Ceramic (temperature compensation)
K	Ceramic
F	Polyester
N	Polypropylene
M	Metalised polypropylene
H	Metalised polypropylene
B	Ceramic (semiconductor)
G	Metalised polyester
Y	Composite film
S	Styrol
T	Tantalum oxide solid electrolytic
U	Organic semiconductive electrolyte
D	Electric double layer electrolytic

Tolerance table

Mark	Tolerance
A	not specified
B	± 0.1
C	± 0.25
D	± 0.5
F	± 1
G	± 2
E	± 2.5
H	± 3
J	± 5
K	± 10
M	± 20
N	± 30
P	+100 -0
Q	+30 -10
T	+50 -10
U	+75 -10
V	+20 -10
W	+100 -10
X	+40 -20
Y	+150 -10
Z	+80 -20

Coil Reading

Example L2 C1 4R7 K N

Tolerance

Inductance value

Manufacture code

Unique code

Mark	Tolerance (nH)	Mark	Tolerance (%)
C	± 0.25	G	± 2
D	± 0.5	J	± 5
S	± 0.3	K	± 10
A	± 0.2	L	± 15
		M	± 20

Resistor Reading

Example 1/2 D J 10K B

Example 6 W K 8.2

Example 1/2 C K 1M

Characteristic

Z (Carbon fuse)

B (Non-burnable)

K indicates in $\text{K}\Omega$

M indicate in $\text{M}\Omega$

Resistance value

Tolerance (see below table)

Material (see below table)

Rated wattage (W)

Note: Resistor which is indicated with resistance value only are 1/6W carbon resistor. Resistor which is indicated with material, tolerance and value are 1/4W rated wattage.

Material table

Mark	Material
D	Carbon
N	Metal film
S	Oxide metal film
C	Solid
G	Metal glaze
W	Wire winding or cement
H	Ceramic
F	Fusible

Tolerance table

Mark	Tolerance
A	± 0.05
B	± 0.1
C	± 0.25
D	± 0.5
F	± 1
G	± 2
J	± 5
K	± 10
M	± 20
P	+5 -15
Z	used in 0 ohm

Diode/Transistor Type Reading

Diode

Mark	Type number
--	1S1555,1S2473,1S2076,1SS133,DS442,1SS176
K	1S1555,1S2473,1S2076,DS442
L	1S1555,1S2076A,1S2471
M	1SS133,1SS176,GMA01
N	1S1555,1S2473,1S2076,1SS133,DS442,1SS176,1N4148
P	1S1555,1S2076A,1S2471,1N4148
R	1S1555,1S2076,1S2473,DS442,1N4148
AA	1S1555,1S2076,1S2473,1SS133,DS442,1SS176,1N4148,GMA01

Transistor (NPN type)

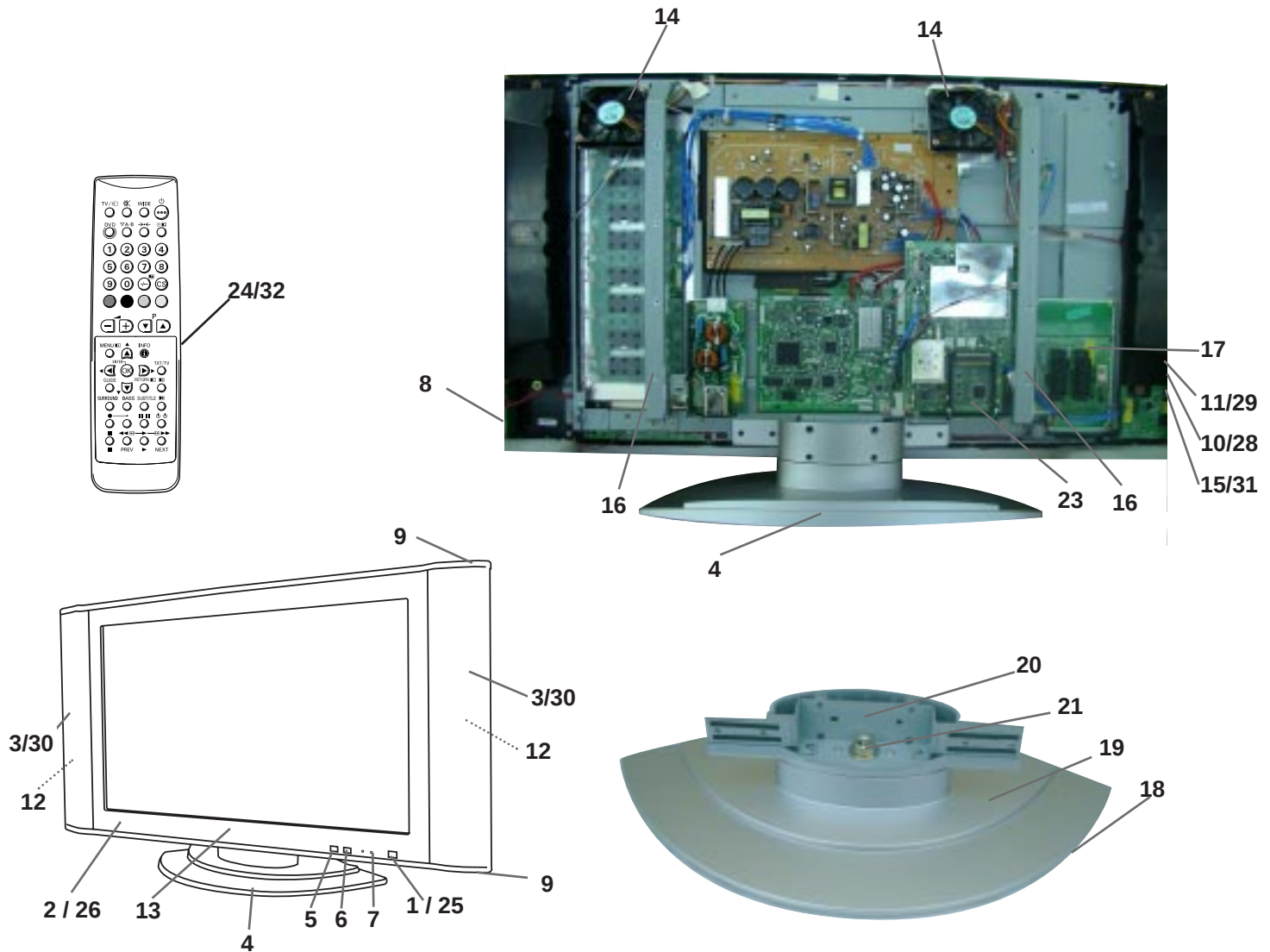
Mark	Type number
--	2SC536 2SC945A 2SC1815 2SC1740 2SC1740S KSC945C
A	E, F, G P, Q, R O, Y, G Q, R, S Q, R, S
B	E, F, G P, Q, R O, Y, G Q, R, S
D	F, G P, Q Y, G Q, R, S
F	F, G P G R, S
H	F, G P, Q Y, G Q, R, S Y, G
I	E, F, G P, Q, R O, Y, G Q, R, S Y, G
G	F, G P G R, S G
AD	F, G Q, R Y, GR Q, R, S
AE	E, F, G Q, R O, Y, GR Q, R, S

Transistor (PNP type)

Mark	Type number
--	2SA608 2SA564A 2SA1015 2SA933 2SA933S KSA733C
Y	E, F Q, R O, Y, G Q, R
W	F R Y, G R
V	E, F Q, R O, Y, G Q, R Y, G
U	F R Y, G R G
Z	E, F Q, R O, Y, G Q, R Q, R
AB	F R Y Q, R
AE	E, F Q, R O, Y R

CABINET PARTS LIST FOR MODEL CE30LD3-B-00 / CE30LD3BK-B-00

Note: Parts order must contain Service Ref. No., Part No., and descriptions.



Item	Part No.	Description	Item	Part No.	Description
CE30LD3-B-00			ACCESSORIES		
CABINET PARTS			24	JXMSC	RC TRANSMITTER
1	610 314 1602	ASSY,BUTTON POWER-N2DJ		645 054 9533	BATTERY ENERGIZER R6SH2VP
2	610 313 8923	ASSY,CABINET FR -N2DJ		665 000 3477	INST MANUAL-N2DJ
3	665 000 2616	MESH-SPK-SPRAYED SILVER		665 000 1794	QUICK GUIDE-N2DJ
4	610 315 2738	30"LCD STAND ASSY-N2DJ		665 000 2487	WIRE TIE DIAGRAM
5	610 313 8404	DEC APC LENS-N2DJ		SKZZ0272	MAINS LEAD TIE
6	610 313 8381	DEC RC LENS-N2DJ		645 054 1155	CORD,POWER-3.0MK - N2DJ
7	610 313 8398	DEC LED LENS-N2DJ	CE30LD3BK-B-00		
8	610 313 8329	BUTTON UNITED-N2DJ	CABINET PARTS DIFFERENCES ONLY		
9	610 313 8374	DEC SASH-N2DJ	25	665 000 2715	ASSY,BUTTON POWER-N2DM
10	610 313 8480	HOLDER SIDE AV	26	665 000 2753	ASSY,CABINET FR -N2DM
11	610 313 8497	FRAME KEY-N2DJ	27	665 000 2722	ASSY,CABINET BACK-N2DM
12	610 314 0612	FABRIC BEZEL-MESH S30VJP	28	665 000 2739	HOLDER SIDE AV-N2DM
13	645 067 1333	BADGE,SANYO*53.5X12L53.5	29	665 000 2746	FRAME KEY-N2DM
14	610 313 8961	HOLDER FAN -N2DJ	30	610 315 1366	MESH-SPK-SPRAYED BLACK
15	610 313 8596	HOLDER DM-1-N2DJ	31	610 313 8602	HOLDER DM-2-N2DJ
16	610 313 8619	MOUNTING BRKT WALL-N2DJ	32	JXMSE	RC TRANSMITTER
17	610 313 8541	SHIELD AV (SPTE)	33	665 000 3484	INST MANUAL - N2DM
18	610 314 1459	ASSY,STAND BASE -N2DJ			
19	610 314 1961	STAND COVER-N2DJ			
20	610 314 1893	STAND HINGE UP-N2DJ			
21	411 034 6409	SCRW MACH PH W/FL M3*6L			
22	610 314 0551	ASSY,CABINET BACK-N2DJ			
23	645-061-5016	UNIT,UK DIGITAL			

CHASSIS ELECTRICAL PARTS LIST

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a $\triangle$ mark in this parts list and the circuit diagram show components whose value have special significance to product safety. It is particularly recommended that only parts specified on the following parts list be used for components replacement pointed out by the mark $\triangle$.

Note: Parts order must contain Service Ref. No., Part No., and descriptions.

	Ref. No.	Part No.	Description
Read description in the Capacitor and Resistor as follows:	Chassis construction		
	CE30LD3-B-00		
	013N2DJ	ELECTRICAL PARTS DIRECTOR (Page 15)	
	1AA0B10N08500	ASSY,PWB,MAIN,N2DJ (Page 15 - 23)	
	1AA0B10N0860A	ASSY,PWB,AV,N2DJ (Page 23 - 25)	
	1AA0B10N0860B	ASSY,PWB,AC-LINE,N2DJ (Page 25)	
	1AA0B10N0860C	ASSY,PWB,SIDE-AV,N2DJ (Page 25)	
	1AA0B10N0860D	ASSY,PWB,KEY-SW,N2DJ (Page 25 - 26)	
	1AA0B10N0860E	ASSY,PWB,IR-LED,N2DJ (Page 26)	
	1AA0B10N0860F	ASSY,PWB,SENSOR,N2DJ (Page 26)	
CAPACITOR	Chassis construction		
	CE30LD3BK-B-00		
	013N2DJ	ELECTRICAL PARTS DIRECTOR (Page 15)	
	1AA0B10N08500	ASSY,PWB,MAIN,N2DJ (Page 15 - 23)	
	1AA0B10N0860A	ASSY,PWB,AV,N2DJ (Page 23 - 25)	
	1AA0B10N0860B	ASSY,PWB,AC-LINE,N2DJ (Page 25)	
	1AA0B10N0860C	ASSY,PWB,SIDE-AV,N2DJ (Page 25)	
	1AA0B10N0860D	ASSY,PWB,KEY-SW,N2DJ (Page 25 - 26)	
	1AA0B10N0860E	ASSY,PWB,IR-LED,N2DJ (Page 26)	
	1AA0B10N0860F	ASSY,PWB,SENSOR,N2DJ (Page 26)	
CERAMIC 100P K 50V	013N2DJ ELECTRICAL PARTS DIRECTOR		
	LIQUID CRYSTAL DISPLAY		
	EL901	645 067 6222	LCD(V296W1-L14)
	ELECTRICAL		
	A900	645-061-5016	UNIT,UK DIGITAL VERS 4
	A900Z1	610 316 1174	SHIELD CASE DIGI-A-N2DJ
	A900Z2	610 316 1181	SHIELD CASE DIGI-B-N2DJ
	FN901	645 068 3763	MOTOR,FAN DC
	FN902	645 068 3763	MOTOR,FAN DC
	SP901	645 059 8685	SPEAKER,8,BOX
SP902	645 062 5527	SPEAKER,8,BOX	
U901	645 067 6239	UNIT,POWER	
WKJ-A	645 040 3002	FERRITE RING	
WSP9LR-A	645 040 3002	FERRITE RING	
W16V-A	645 040 3002	FERRITE RING	
W19R-A	645 040 3002	FERRITE RING	
RESISTOR	WIRES		
	KX-K10X	645 062 6197	FLEXIBLE FLAT CABLE
	K7M-CN1	610 313 9050	CORD 30P 1.25MM(LVDS)
	WAC2-C61	610 315 0147	NON STANDARD WIRE ASSY-JP
	WCN1-C65	1AA9AABAF460	STANDARD WIRE ASSY-JPN
	WCN2-C66	1AA9CABAF420	STANDARD WIRE ASSY-JPN
	WKJ-19J	1AA99BYBH660	STANDARD WIRE ASSY-JPN
	WKY-14Y	1AA9AABAF240	STANDARD WIRE ASSY-JPN
	WPGN-DM	1AA92ATAD240	STANDARD WIRE ASSY-JPN
	WP2A-DM	1AA94ABAF120	STANDARD WIRE ASSY-JPN
WP2B-DM	1AA95ABAF120	STANDARD WIRE ASSY-JPN	
WP3-DM	1AA93ABAF120	STANDARD WIRE ASSY-JPN	
WP4-DM	1AA92ATAD100	STANDARD WIRE ASSY-JPN	
WSP9L-SP	610 315 0130	NON STANDARD WIRE ASSY-JP	
WSP9R-SP	610 316 1648	NONSTANDARD WIRE ASSY	
WTU-TU	610 309 1914	CORD,SHEILD 1L-1L,L=160,K	
W16P-C60	1AA96ABAF140	STANDARD WIRE ASSY-JPN	
W16Q-C62	1AA97ABAF140	STANDARD WIRE ASSY-JPN	
W16R-C64	1AA97BZBE240	STANDARD WIRE ASSY-JPN	
W16V-C63	1AA9AABAF180	STANDARD WIRE ASSY-JPN	
W16W-C67	1AA95ABAF200	STANDARD WIRE ASSY-JPN	

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
W19R-95R	1AA93BZBE380	STANDARD WIRE ASSY-JPN	C141	403 215 2211	GRM188R71H103KA01D PT115
W8M-18M	1AA94ABAF360	STANDARD WIRE ASSY-JPN	C145	403 215 2211	GRM188R71H103KA01D PT115
1AA0B10N08500 ASSY,PWB,MAIN,N2DJ			C146	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
CAPACITOR			C148	403 215 2211	GRM188R71H103KA01D PT115
C001	403 314 5915	GRM21BR71C474KA01L PT297	C149	403 215 2211	GRM188R71H103KA01D PT115
C002	403 314 5915	GRM21BR71C474KA01L PT297	C1501	403 368 7316	CERAMIC 10U M 6.3V
C003	403 330 7719	ELECT 47U M 25V	C1502	403 368 7316	CERAMIC 10U M 6.3V
C004	403 330 7719	ELECT 47U M 25V	C1503	403 207 0317	GRM21BF51C105ZA01L PT297
C005	403 353 2715	ELECT 22U M 25V	C1511	403 279 4312	GRM21BR71C334KA01L PT297
C006	403 314 5915	GRM21BR71C474KA01L PT297	C1512	403 279 4312	GRM21BR71C334KA01L PT297
C007	403 162 6614	ELECT 2.2U M 50V	C1513	403 157 3611	GRM1885C1H101JZ01D PT115
C008	403 314 5915	GRM21BR71C474KA01L PT297	C1514	403 157 3611	GRM1885C1H101JZ01D PT115
C009	403 155 2319	GRM188R71H472KA01D PT115	C1601	403 149 9218	GRM188F51H103ZA01D PT115
C010	403 155 2319	GRM188R71H472KA01D PT115	C1602	403 321 7513	ELECT 220U M 16V
C013	403 113 3815	GRM188R71H102KA01D PT115	C1603	403 321 7513	ELECT 220U M 16V
C014	403 286 8617	ELECT 470U M 16V	C1604	403 149 9218	GRM188F51H103ZA01D PT115
C015	403 162 6614	ELECT 2.2U M 50V	C1605	403 321 7513	ELECT 220U M 16V
C016	403 286 8617	ELECT 470U M 16V	C1606	403 149 9218	GRM188F51H103ZA01D PT115
C021	403 281 5215	GRM188F51C224ZA01D PT115	C1607	403 343 4910	ELECT 470U M 25V
C022	403 281 5215	GRM188F51C224ZA01D PT115	C1608	403 149 9218	GRM188F51H103ZA01D PT115
C023	403 281 5215	GRM188F51C224ZA01D PT115	C1609	403 321 7513	ELECT 220U M 16V
C024	403 281 5215	GRM188F51C224ZA01D PT115	C1610	403 149 9218	GRM188F51H103ZA01D PT115
C025	403 323 3612	CERAMIC 0.047U K 50V	C1611	403 149 9218	GRM188F51H103ZA01D PT115
C026	403 323 3612	CERAMIC 0.047U K 50V	C1613	403 343 0318	ELECT 470U M 16V
C027	403 341 7517	ELECT 100U M 25V	C1614	403 321 7513	ELECT 220U M 16V
C028	403 341 7517	ELECT 100U M 25V	C1615	403 149 9218	GRM188F51H103ZA01D PT115
C041	403 281 5215	GRM188F51C224ZA01D PT115	C1851	403 280 1614	ELECT 220U M 16V
C042	403 281 5215	GRM188F51C224ZA01D PT115	C1853	403 280 1614	ELECT 220U M 16V
C043	403 281 5215	GRM188F51C224ZA01D PT115	C1854	403 175 3914	ELECT 10U M 25V
C044	403 281 5215	GRM188F51C224ZA01D PT115	C1855	403 345 6615	CERAMIC 1U M 10V
C049	403 155 2319	GRM188R71H472KA01D PT115	C1856	403 175 3716	ELECT 4.7U M 50V
C050	403 155 2319	GRM188R71H472KA01D PT115	C1858	403 149 9218	GRM188F51H103ZA01D PT115
C101	403 162 5310	ELECT 4.7U M 25V	C1861	403 149 9218	GRM188F51H103ZA01D PT115
C102	403 304 1811	ELECT 100U M 6.3V	C1862	403 343 3418	ELECT 10U M 25V
C103	403 215 2211	GRM188R71H103KA01D PT115	C1863	403 164 0214	GRM188F51E104ZA01D PT115
C104	403 175 0814	ELECT 10U M 50V	C1871	403 304 2115	ELECT 47U M 6.3V
C105	403 304 1811	ELECT 100U M 6.3V	C1872	403 149 9218	GRM188F51H103ZA01D PT115
C106	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	C1873	403 149 9218	GRM188F51H103ZA01D PT115
C109	403 215 2211	GRM188R71H103KA01D PT115	C1875	403 207 0317	GRM21BF51C105ZA01L PT297
C120	403 215 2211	GRM188R71H103KA01D PT115	C1876	403 207 0317	GRM21BF51C105ZA01L PT297
C1200	403 164 0214	GRM188F51E104ZA01D PT115	C2000	403 164 0214	GRM188F51E104ZA01D PT115
C1202	403 175 3310	ELECT 47U M 16V	C2001	403 164 0214	GRM188F51E104ZA01D PT115
C1203	403 175 3310	ELECT 47U M 16V	C2002	403 164 0214	GRM188F51E104ZA01D PT115
C1204	403 175 3310	ELECT 47U M 16V	C2003	403 113 3815	GRM188R71H102KA01D PT115
C1205	403 164 0214	GRM188F51E104ZA01D PT115	C2004	403 164 0214	GRM188F51E104ZA01D PT115
C1206	403 145 9915	GRM1885C1H220JZ01D PT115	C2005	403 215 0910	CERAMIC 390P J 50V
C1207	403 164 0214	GRM188F51E104ZA01D PT115	C2006	403 215 0910	CERAMIC 390P J 50V
C121	403 157 6513	CERAMIC 390P K 50V	C2007	403 164 0214	GRM188F51E104ZA01D PT115
C1211	403 153 9310	GRM1885C1H820JZ01D PT115	C2008	403 162 4016	ELECT 22U M 6.3V
C1212	403 153 9310	GRM1885C1H820JZ01D PT115	C2009	403 215 0910	CERAMIC 390P J 50V
C1213	403 164 0214	GRM188F51E104ZA01D PT115	C2010	403 215 0910	CERAMIC 390P J 50V
C1218	403 153 9310	GRM1885C1H820JZ01D PT115	C2011	403 164 0214	GRM188F51E104ZA01D PT115
C122	403 215 2211	GRM188R71H103KA01D PT115	C2012	403 162 4016	ELECT 22U M 6.3V
C123	403 314 5915	GRM21BR71C474KA01L PT297	C2013	403 162 4016	ELECT 22U M 6.3V
C126	403 139 7118	GRM1885C1H120JZ01	C2014	403 215 0910	CERAMIC 390P J 50V
C1261	403 266 8217	NP-ELECT 10U M 16V	C2015	403 162 4016	ELECT 22U M 6.3V
C1262	403 162 4719	ELECT 10U M 16V	C2016	403 164 0214	GRM188F51E104ZA01D PT115
C1269	403 153 9310	GRM1885C1H820JZ01D PT115	C2017	403 164 0214	GRM188F51E104ZA01D PT115
C1270	403 164 0214	GRM188F51E104ZA01D PT115	C2018	403 164 0214	GRM188F51E104ZA01D PT115
C128	403 314 5915	GRM21BR71C474KA01L PT297	C2019	403 164 0214	GRM188F51E104ZA01D PT115
C129	403 269 5916	GRM219R71C224KC01D PT115	C2021	403 164 0214	GRM188F51E104ZA01D PT115
C130	403 155 2111	GRM188R71H152KD01D PT115	C2022	403 162 4016	ELECT 22U M 6.3V
C131	403 215 2211	GRM188R71H103KA01D PT115	C2023	403 215 0910	CERAMIC 390P J 50V
C132	403 215 2211	GRM188R71H103KA01D PT115	C2024	403 164 0214	GRM188F51E104ZA01D PT115
C133	403 175 3914	ELECT 10U M 25V	C2025	403 162 4016	ELECT 22U M 6.3V
C134	403 149 9218	GRM188F51H103ZA01D PT115	C2026	403 215 0910	CERAMIC 390P J 50V
C137	403 256 5011	CERAMIC 560P J 50V	C2027	403 215 0910	CERAMIC 390P J 50V
C138	403 256 5011	CERAMIC 560P J 50V	C2028	403 164 0214	GRM188F51E104ZA01D PT115
			C2029	403 162 4016	ELECT 22U M 6.3V
			C2030	403 164 0214	GRM188F51E104ZA01D PT115

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C2031	403 157 4212	GRM1885C1H221JZ01D PT115	C3479	403 164 0214	GRM188F51E104ZA01D PT115
C2032	403 157 2515	GRM1885C1H270JZ01D PT115	C3481	403 139 7118	GRM1885C1H120JZ01
C2034	403 157 3819	GRM1885C1H121JZ01D PT115	C3482	403 139 7118	GRM1885C1H120JZ01
C2035	403 162 4016	ELECT 22U M 6.3V	C3483	403 164 0214	GRM188F51E104ZA01D PT115
C2036	403 164 0214	GRM188F51E104ZA01D PT115	C3484	403 164 0214	GRM188F51E104ZA01D PT115
C2037	403 166 9512	GRM188R71C223KA01	C3485	403 164 0214	GRM188F51E104ZA01D PT115
C2038	403 166 9512	GRM188R71C223KA01	C3486	403 164 0214	GRM188F51E104ZA01D PT115
C2039	403 166 9512	GRM188R71C223KA01	C3487	403 207 0317	GRM21BF51C105ZA01L PT297
C2040	403 155 1510	GRM1885C1H181JZ01D PT115	C3488	403 215 2211	GRM188R71H103KA01D PT115
C2041	403 157 1914	GRM1885C1H100JZ01	C3489	403 207 0317	GRM21BF51C105ZA01L PT297
C2042	403 155 1510	GRM1885C1H181JZ01D PT115	C3490	403 215 2211	GRM188R71H103KA01D PT115
C2043	403 155 1510	GRM1885C1H181JZ01D PT115	C6633	403 164 0214	GRM188F51E104ZA01D PT115
C2044	403 157 1914	GRM1885C1H100JZ01	C6634	403 162 4719	ELECT 10U M 16V
C2045	403 155 1510	GRM1885C1H181JZ01D PT115	C6635	403 304 1811	ELECT 100U M 6.3V
C2046	403 155 1510	GRM1885C1H181JZ01D PT115	C6636	403 164 0214	GRM188F51E104ZA01D PT115
C2047	403 157 1914	GRM1885C1H100JZ01	C6637	403 162 4719	ELECT 10U M 16V
C2048	403 155 1510	GRM1885C1H181JZ01D PT115	C6638	403 304 1811	ELECT 100U M 6.3V
C2051	403 155 1510	GRM1885C1H181JZ01D PT115	C6639	403 164 0214	GRM188F51E104ZA01D PT115
C2052	403 172 6116	GRM1885C1H271JD01D PT115	C6641	403 378 2219	ELECT 470U M 25V
C2053	403 157 1914	GRM1885C1H100JZ01	C6642	403 164 0214	GRM188F51E104ZA01D PT115
C2054	403 164 0214	GRM188F51E104ZA01D PT115	C6643	403 377 1510	ELECT 1000U M 10V
C2055	403 215 0910	CERAMIC 390P J 50V	C6644	403 164 0214	GRM188F51E104ZA01D PT115
C2056	403 215 0910	CERAMIC 390P J 50V	C6645	403 162 4719	ELECT 10U M 16V
C2057	403 215 0910	CERAMIC 390P J 50V	C6646	403 304 1811	ELECT 100U M 6.3V
C2058	403 215 0910	CERAMIC 390P J 50V	C6647	403 164 0214	GRM188F51E104ZA01D PT115
C2059	403 215 0910	CERAMIC 390P J 50V	C6648	403 162 4719	ELECT 10U M 16V
C2060	403 215 0910	CERAMIC 390P J 50V	C6649	403 304 1811	ELECT 100U M 6.3V
C2062	403 215 0910	CERAMIC 390P J 50V	C6651	403 378 2219	ELECT 470U M 25V
C2063	403 164 0214	GRM188F51E104ZA01D PT115	C6652	403 164 0214	GRM188F51E104ZA01D PT115
C2067	403 157 3314	GRM1885C1H680JZ01	C6653	403 162 5310	ELECT 4.7U M 25V
C3405	403 162 4719	ELECT 10U M 16V	C6654	403 164 0214	GRM188F51E104ZA01D PT115
C3406	403 164 0214	GRM188F51E104ZA01D PT115	C6655	403 113 3815	GRM188R71H102KA01D PT115
C3408	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	C6656	403 370 1517	CERAMIC 0.1U K 50V
C3421	403 304 1811	ELECT 100U M 6.3V	C6657	403 377 1510	ELECT 1000U M 10V
C3431	403 157 3611	GRM1885C1H101JZ01D PT115	C6660	403 175 4119	ELECT 22U M 16V
C3433	403 157 3611	GRM1885C1H101JZ01D PT115	C6661	403 162 4719	ELECT 10U M 16V
C3441	403 157 3611	GRM1885C1H101JZ01D PT115	C6662	403 304 1811	ELECT 100U M 6.3V
C3442	403 279 4312	GRM21BR71C334KA01L PT297	C6670	403 378 2219	ELECT 470U M 25V
C3443	403 157 3611	GRM1885C1H101JZ01D PT115	C6671	403 164 0214	GRM188F51E104ZA01D PT115
C3444	403 279 4312	GRM21BR71C334KA01L PT297	C6672	403 377 1510	ELECT 1000U M 10V
C3445	403 157 3611	GRM1885C1H101JZ01D PT115	C6675	403 164 0214	GRM188F51E104ZA01D PT115
C3446	403 279 4312	GRM21BR71C334KA01L PT297	C6676	403 162 4719	ELECT 10U M 16V
C3447	403 157 3611	GRM1885C1H101JZ01D PT115	C6677	403 321 7414	ELECT 100U M 16V
C3448	403 279 4312	GRM21BR71C334KA01L PT297	C6681	403 338 2310	ELECT 4.7U M 35V
C3449	403 164 0214	GRM188F51E104ZA01D PT115	C6682	403 330 7719	ELECT 47U M 25V
C3450	403 175 3914	ELECT 10U M 25V	C6691	403 343 3418	ELECT 10U M 25V
C3451	403 269 5916	GRM219R71C224KC01D PT115	C6692	403 175 3716	ELECT 4.7U M 50V
C3452	403 164 0214	GRM188F51E104ZA01D PT115	C6693	403 164 0214	GRM188F51E104ZA01D PT115
C3453	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	C6694	403 113 3815	GRM188R71H102KA01D PT115
C3454	403 157 3611	GRM1885C1H101JZ01D PT115	C6695	403 363 3917	ELECT 100U M 50V
C3455	403 164 0214	GRM188F51E104ZA01D PT115	C6696	403 370 1517	CERAMIC 0.1U K 50V
C3456	403 207 0317	GRM21BF51C105ZA01L PT297	C706	403 157 2911	GRM1885C1H470JZ01D PT115
C3457	403 175 3914	ELECT 10U M 25V	C713	403 157 2911	GRM1885C1H470JZ01D PT115
C3458	403 175 3914	ELECT 10U M 25V	C716	403 157 2911	GRM1885C1H470JZ01D PT115
C3461	403 175 3914	ELECT 10U M 25V	C751	403 164 0214	GRM188F51E104ZA01D PT115
C3462	403 164 0214	GRM188F51E104ZA01D PT115	C752	403 164 0214	GRM188F51E104ZA01D PT115
C3463	403 175 3914	ELECT 10U M 25V	C753	403 164 0214	GRM188F51E104ZA01D PT115
C3464	403 164 0214	GRM188F51E104ZA01D PT115	C754	403 164 0214	GRM188F51E104ZA01D PT115
C3465	403 164 0214	GRM188F51E104ZA01D PT115	C758	403 321 7414	ELECT 100U M 16V
C3466	403 175 3914	ELECT 10U M 25V	C761	403 145 9915	GRM1885C1H220JZ01D PT115
C3467	403 164 0214	GRM188F51E104ZA01D PT115	C762	403 164 0214	GRM188F51E104ZA01D PT115
C3468	403 175 3914	ELECT 10U M 25V	C763	403 149 9218	GRM188F51H103ZA01D PT115
C3469	403 164 0214	GRM188F51E104ZA01D PT115	C764	403 149 9218	GRM188F51H103ZA01D PT115
C3470	403 175 3914	ELECT 10U M 25V	C765	403 321 7414	ELECT 100U M 16V
C3473	403 207 0317	GRM21BF51C105ZA01L PT297	C766	403 164 0214	GRM188F51E104ZA01D PT115
C3474	403 207 0317	GRM21BF51C105ZA01L PT297	C767	403 321 7414	ELECT 100U M 16V
C3475	403 215 2211	GRM188R71H103KA01D PT115	C801	403 164 0214	GRM188F51E104ZA01D PT115
C3476	403 215 2211	GRM188R71H103KA01D PT115	C802	403 164 0214	GRM188F51E104ZA01D PT115
C3477	403 175 3914	ELECT 10U M 25V	C803	403 164 0214	GRM188F51E104ZA01D PT115
C3478	403 164 0214	GRM188F51E104ZA01D PT115	C804	403 164 0214	GRM188F51E104ZA01D PT115

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C805	403 164 0214	GRM188F51E104ZA01D PT115	D1223	407 210 5611	DIODE RB500V-40-TE-17
C806	403 164 0214	GRM188F51E104ZA01D PT115	D131	407 166 1118	DIODE 1SS356-TW11
C807	403 164 0214	GRM188F51E104ZA01D PT115	D133	407 166 1118	DIODE 1SS356-TW11
C808	403 164 0214	GRM188F51E104ZA01D PT115	D1601	407 149 0817	DIODE 1SS355-TE-17
C809	403 164 0214	GRM188F51E104ZA01D PT115	D1602	407 149 0817	DIODE 1SS355-TE-17
C810	403 164 0214	GRM188F51E104ZA01D PT115	D1851	407 149 0817	DIODE 1SS355-TE-17
C811	403 164 0214	GRM188F51E104ZA01D PT115	D1853	407 149 0817	DIODE 1SS355-TE-17
C812	403 164 0214	GRM188F51E104ZA01D PT115	D1856	407 201 2721	DIODE RB051L-40-TE25
C813	403 164 0214	GRM188F51E104ZA01D PT115	D3401	407 206 5618	ZENER D. UDZS-TE-1710B
C814	403 164 0214	GRM188F51E104ZA01D PT115	D3402	407 206 5618	ZENER D. UDZS-TE-1710B
C815	403 164 0214	GRM188F51E104ZA01D PT115	D3421	407 149 0817	DIODE 1SS355-TE-17
C816	403 164 0214	GRM188F51E104ZA01D PT115	D3441	407 206 5618	ZENER D. UDZS-TE-1710B
C817	403 164 0214	GRM188F51E104ZA01D PT115	D3442	407 206 5618	ZENER D. UDZS-TE-1710B
C818	403 164 0214	GRM188F51E104ZA01D PT115	D3443	407 206 5618	ZENER D. UDZS-TE-1710B
C819	403 164 0214	GRM188F51E104ZA01D PT115	D3444	407 206 5618	ZENER D. UDZS-TE-1710B
C820	403 162 4016	ELECT 22U M 6.3V	D3445	407 149 0817	DIODE 1SS355-TE-17
C821	403 164 0214	GRM188F51E104ZA01D PT115	D6641	407 124 0719	DIODE SFPB-64-V
C822	403 164 0214	GRM188F51E104ZA01D PT115	D6642	407 149 0817	DIODE 1SS355-TE-17
C823	403 164 0214	GRM188F51E104ZA01D PT115	D6643	407 149 0817	DIODE 1SS355-TE-17
C824	403 155 4610	CERAMIC MURATA 4P C 50V	D6644	407 149 0817	DIODE 1SS355-TE-17
C825	403 155 4610	CERAMIC MURATA 4P C 50V	D6645	407 149 0817	DIODE 1SS355-TE-17
C826	403 164 0214	GRM188F51E104ZA01D PT115	D6646	407 149 0817	DIODE 1SS355-TE-17
C827	403 164 0214	GRM188F51E104ZA01D PT115	D6651	407 213 8520	DIODE SPB-G56SVR
C828	403 164 0214	GRM188F51E104ZA01D PT115	D6652	407 149 0817	DIODE 1SS355-TE-17
C829	403 164 0214	GRM188F51E104ZA01D PT115	D6654	407 149 0817	DIODE 1SS355-TE-17
C830	403 164 0214	GRM188F51E104ZA01D PT115	D6671	407 124 0719	DIODE SFPB-64-V
C831	403 164 0214	GRM188F51E104ZA01D PT115	D6672	407 149 0817	DIODE 1SS355-TE-17
C832	403 164 0214	GRM188F51E104ZA01D PT115	D6673	407 149 0817	DIODE 1SS355-TE-17
C833	403 164 0214	GRM188F51E104ZA01D PT115	D6681	407 221 7116	ZENER D. UDZS-TE-1712B
C834	403 164 0214	GRM188F51E104ZA01D PT115	D6691	407 210 5611	DIODE RB500V-40-TE-17
C835	403 164 0214	GRM188F51E104ZA01D PT115	D6692	407 149 0817	DIODE 1SS355-TE-17
C836	403 113 3815	GRM188R71H102KA01D PT115	D802	407 149 0817	DIODE 1SS355-TE-17
C837	403 164 0214	GRM188F51E104ZA01D PT115			
C838	403 368 7316	CERAMIC 10U M 6.3V	INTEGRATED CIRCUIT		
C841	403 162 4016	ELECT 22U M 6.3V	IC001	409 591 8707	IC LA4919N-E
C842	403 164 0214	GRM188F51E104ZA01D PT115	IC001A	610 315 3452	HEAT SINK
C843	403 164 0214	GRM188F51E104ZA01D PT115	IC001B	610 077 7613	SILICONE GREASE G-746
C844	403 164 0214	GRM188F51E104ZA01D PT115	IC001S1	411 174 4709	SCR S-TPG PAN+SWW 3X10
C845	403 164 0214	GRM188F51E104ZA01D PT115	IC001S2	411 174 4709	SCR S-TPG PAN+SWW 3X10
C846	403 162 4016	ELECT 22U M 6.3V	IC101	409 549 8219	IC TDA9886TS/V4
C847	403 164 0214	GRM188F51E104ZA01D PT115	IC1201	409 180 5902	IC LA7956
C848	403 164 0214	GRM188F51E104ZA01D PT115	IC1202	409 591 2814	IC BA7609F
C849	403 164 0214	GRM188F51E104ZA01D PT115	IC1501	409 311 4121	IC BA7603F
C850	403 164 0214	GRM188F51E104ZA01D PT115	IC1502	409 051 3412	IC TC4066BF-TP1
C851	403 164 0214	GRM188F51E104ZA01D PT115	IC1801	410 514 1101	IC M30262F3GP-D5
C852	403 162 4016	ELECT 22U M 6.3V	IC1802	409 588 6016	IC BD4828G
C853	403 164 0214	GRM188F51E104ZA01D PT115	IC1851	409 039 6619	IC NJM2904-TE1
C854	403 164 0214	GRM188F51E104ZA01D PT115	IC2001	QSTV2310D/42	IC STV2310D/42M
C855	403 164 0214	GRM188F51E104ZA01D PT115	IC3451	409 550 6815	IC STV8216T
C856	403 162 4016	ELECT 22U M 6.3V	IC6632	409 588 6313	IC BA33BC0FP
C857	403 164 0214	GRM188F51E104ZA01D PT115	IC6633	409 578 0314	IC BA18BC0FP
C858	403 164 0214	GRM188F51E104ZA01D PT115	IC6634	409 578 0314	IC BA18BC0FP
C859	403 164 0214	GRM188F51E104ZA01D PT115	IC6641	409 533 3312	IC PQ1CZ41H2ZP
C873	403 145 9915	GRM1885C1H220JZ01D PT115	IC6642	409 588 6313	IC BA33BC0FP
C874	403 145 9915	GRM1885C1H220JZ01D PT115	IC6643	409 578 0314	IC BA18BC0FP
C875	403 164 0214	GRM188F51E104ZA01D PT115	IC6651	409 531 6226	IC FA7701V-TE1
C876	403 149 9218	GRM188F51H103ZA01D PT115	IC6671	409 533 3312	IC PQ1CZ41H2ZP
C881	403 323 8815	GRM21BF51C225ZA01K PT115	IC6672	409 497 6312	IC BA09FP-E2
C882	403 368 7316	CERAMIC 10U M 6.3V	IC6691	409 506 8917	IC FA7700V-TE1
C884	403 162 4016	ELECT 22U M 6.3V	IC701A	410 423 7201	IC THC63LVDM83R
C885	403 162 4016	ELECT 22U M 6.3V	IC801	409 584 4917	IC STV3550
DIODE			IC802	410 457 0001	IC HY57V281620HCT-H
D001	407 149 6324	DIODE SFPB-54V	IC803	410 457 0001	IC HY57V281620HCT-H
D053	407 149 0817	DIODE 1SS355-TE-17	IC804	409 578 2110	IC M29W160ET70N6
D054	407 149 0817	DIODE 1SS355-TE-17	IC805	QM24C64WMN6-	IC M24C64WMN6T
D1202	407 206 5618	ZENER D. UDZS-TE-1710B	IC806	409 325 4223	IC PST600DMT
D1203	407 206 5618	ZENER D. UDZS-TE-1710B	IC807	409 588 6016	IC BD4828G
D1221	407 210 5611	DIODE RB500V-40-TE-17	COIL		
D1222	407 166 1118	DIODE 1SS356-TW11	L001	645 066 2416	INDUCTOR,180U M

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
L1201	645 037 1615	SMDCOIL LEM2520T4R7J	L2005	645 036 3894	BLM21PG221SN1D E258
L1202	645 037 1615	SMDCOIL LEM2520T4R7J	L2006	645 036 3894	BLM21PG221SN1D E258
L1203	645 037 1615	SMDCOIL LEM2520T4R7J	L2008	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1205	645 037 1615	SMDCOIL LEM2520T4R7J	L2011	645 036 3894	BLM21PG221SN1D E258
L1501	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2012	645 036 3894	BLM21PG221SN1D E258
L1502	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2021	645 037 1622	INDUCTOR, 6.8U J
L1503	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2024	645 037 1622	INDUCTOR, 6.8U J
L1504	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2025	645 037 1622	INDUCTOR, 6.8U J
L1505	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2026	645 037 1622	INDUCTOR, 6.8U J
L1506	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2030	645 036 3894	BLM21PG221SN1D E258
L1507	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2031	645 036 3894	BLM21PG221SN1D E258
L1508	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2032	645 036 3894	BLM21PG221SN1D E258
L1509	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2033	645 036 3894	BLM21PG221SN1D E258
L1510	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2035	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1511	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2036	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1512	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2037	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1513	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2038	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1514	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2039	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1601	645 037 4500	INDUCTOR, 1000 OHM	L2040	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1602	645 037 4500	INDUCTOR, 1000 OHM	L2041	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1603	645 037 4500	INDUCTOR, 1000 OHM	L2042	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1604	645 037 4500	INDUCTOR, 1000 OHM	L2043	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1605	645 023 2978	INDUCTOR, 800 OHM	L2044	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1606	645 037 4500	INDUCTOR, 1000 OHM	L2045	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1607	645 023 2978	INDUCTOR, 800 OHM	L2046	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1611	645 036 3894	BLM21PG221SN1D E258	L2047	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1612	645 036 3894	BLM21PG221SN1D E258	L2048	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1613	645 036 3894	BLM21PG221SN1D E258	L2049	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1614	645 036 3894	BLM21PG221SN1D E258	L2050	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1615	645 036 3894	BLM21PG221SN1D E258	L2051	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1616	645 036 3894	BLM21PG221SN1D E258	L2052	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1617	645 036 3894	BLM21PG221SN1D E258	L2053	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1618	645 036 3894	BLM21PG221SN1D E258	L2054	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1619	645 036 3894	BLM21PG221SN1D E258	L2055	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1620	645 036 3894	BLM21PG221SN1D E258	L2056	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1622	645 036 3894	BLM21PG221SN1D E258	L2057	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1623	401 190 1717	MT-GLAZE 0.000 ZA 1W	L2058	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1624	401 190 1717	MT-GLAZE 0.000 ZA 1W	L2059	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1625	645 036 3894	BLM21PG221SN1D E258	L2060	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1626	645 036 3894	BLM21PG221SN1D E258	L2061	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1627	401 190 1717	MT-GLAZE 0.000 ZA 1W	L2063	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1628	401 190 1717	MT-GLAZE 0.000 ZA 1W	L2064	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1629	645 036 3894	BLM21PG221SN1D E258	L2065	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1630	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L2066	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1631	645 036 3894	BLM21PG221SN1D E258	L2067	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1632	645 036 3894	BLM21PG221SN1D E258	L2068	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1851	645 033 7918	INDUCTOR, 10U M	L2069	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1871	645 040 6447	INDUCTOR, 3.3U M	L3452	645 036 3894	BLM21PG221SN1D E258
L1872	645 036 3894	BLM21PG221SN1D E258	L3453	645 036 3894	BLM21PG221SN1D E258
L1873	645 036 3894	BLM21PG221SN1D E258	L6062	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L1874	645 036 3894	BLM21PG221SN1D E258	L6601	645 023 2978	INDUCTOR, 800 OHM
L1875	645 036 3894	BLM21PG221SN1D E258	L6630	645 036 3894	BLM21PG221SN1D E258
L1876	645 036 3894	BLM21PG221SN1D E258	L6632	645 036 3894	BLM21PG221SN1D E258
L1877	645 036 3894	BLM21PG221SN1D E258	L6633	645 036 3894	BLM21PG221SN1D E258
L1878	645 036 3894	BLM21PG221SN1D E258	L6634	645 036 3894	BLM21PG221SN1D E258
L1879	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L6635	645 036 3894	BLM21PG221SN1D E258
L1880	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L6636	645 036 3894	BLM21PG221SN1D E258
L1881	645 036 3894	BLM21PG221SN1D E258	L6637	645 036 3894	BLM21PG221SN1D E258
L1882	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L6638	645 036 3894	BLM21PG221SN1D E258
L1883	645 036 3894	BLM21PG221SN1D E258	L6639	645 036 3894	BLM21PG221SN1D E258
L1884	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L6641	645 038 4561	INDUCTOR, 100U M
L1885	645 036 3894	BLM21PG221SN1D E258	L6642	645 036 3894	BLM21PG221SN1D E258
L1889	645 036 3894	BLM21PG221SN1D E258	L6643	645 036 3894	BLM21PG221SN1D E258
L1890	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	L6644	645 036 3894	BLM21PG221SN1D E258
L1891	645 036 3894	BLM21PG221SN1D E258	L6645	645 036 3894	BLM21PG221SN1D E258
L1892	645 036 3894	BLM21PG221SN1D E258	L6651	645 037 7396	INDUCTOR, 22U M
L2001	645 037 1622	INDUCTOR, 6.8U J	L6660	645 036 3894	BLM21PG221SN1D E258
L2002	645 036 3894	BLM21PG221SN1D E258	L6661	645 036 3894	BLM21PG221SN1D E258
L2003	645 036 3894	BLM21PG221SN1D E258	L6662	645 036 3894	BLM21PG221SN1D E258
L2004	645 036 3894	BLM21PG221SN1D E258	L6663	645 036 3894	BLM21PG221SN1D E258

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
L6665	645 036 3894	BLM21PG221SN1D E258	RESISTOR		
L6666	645 036 3894	BLM21PG221SN1D E258	RB2001	645 058 8853	R-NETWORK 33X4 0.063W
L6667	645 036 3894	BLM21PG221SN1D E258	RB2002	645 058 8853	R-NETWORK 33X4 0.063W
L6668	645 036 3894	BLM21PG221SN1D E258	RB2003	645 058 8853	R-NETWORK 33X4 0.063W
L6671	645 055 3103	INDUCTOR, 47U M	RB801	645 058 8846	R-NETWORK 33X4 0.063W
L6691	645 026 1008	INDUCTOR, 3.3U M	RB802	645 058 8846	R-NETWORK 33X4 0.063W
L6692	645 056 1382	INDUCTOR, 2.2M M	RB803	645 058 8846	R-NETWORK 33X4 0.063W
L704	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	RB804	645 058 8846	R-NETWORK 33X4 0.063W
L705	645 068 9680	LINE FILT DLW31SN601SQ2L	RB805	645 058 8846	R-NETWORK 33X4 0.063W
L706	645 068 9680	LINE FILT DLW31SN601SQ2L	RB806	645 058 8846	R-NETWORK 33X4 0.063W
L707	645 068 9680	LINE FILT DLW31SN601SQ2L	RB807	645 058 8846	R-NETWORK 33X4 0.063W
L708	645 068 9680	LINE FILT DLW31SN601SQ2L	RB808	645 058 8846	R-NETWORK 33X4 0.063W
L709	645 068 9680	LINE FILT DLW31SN601SQ2L	RB809	645 058 8846	R-NETWORK 33X4 0.063W
L751	645 019 0971	INDUCTOR, 600 OHM	RB810	645 058 8846	R-NETWORK 33X4 0.063W
L752	645 019 0971	INDUCTOR, 600 OHM	RB811	645 058 8846	R-NETWORK 33X4 0.063W
L753	645 019 0971	INDUCTOR, 600 OHM	RB812	645 058 8846	R-NETWORK 33X4 0.063W
L754	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	RB813	645 058 8846	R-NETWORK 33X4 0.063W
L754	645 019 0971	INDUCTOR, 600 OHM	RB814	645 058 8846	R-NETWORK 33X4 0.063W
L800	645 036 3894	BLM21PG221SN1D E258	RB815	645 058 8846	R-NETWORK 33X4 0.063W
L801	645 036 3894	BLM21PG221SN1D E258	RB816	645 058 8846	R-NETWORK 33X4 0.063W
L802	645 036 3894	BLM21PG221SN1D E258	RB817	645 058 8846	R-NETWORK 33X4 0.063W
L803	645 036 3894	BLM21PG221SN1D E258	RB818	645 058 8846	R-NETWORK 33X4 0.063W
L806	645 019 0971	INDUCTOR, 600 OHM	RB819	645 058 8846	R-NETWORK 33X4 0.063W
L807	645 040 6744	FILTER, EMI 1000000PF	RB820	645 058 8846	R-NETWORK 33X4 0.063W
L808	645 040 6744	FILTER, EMI 1000000PF	RB821	645 058 8846	R-NETWORK 33X4 0.063W
L809	645 040 6744	FILTER, EMI 1000000PF	RB822	645 058 8846	R-NETWORK 33X4 0.063W
L810	645 036 3894	BLM21PG221SN1D E258	RB823	645 058 8846	R-NETWORK 33X4 0.063W
L811	645 036 3894	BLM21PG221SN1D E258	R001	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
L812	645 036 3894	BLM21PG221SN1D E258	R002	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
TRANSISTOR			R003	401 105 2013	MT-GLAZE 1.8K JA 1/16W
Q001	405 014 4519	TR 2SC2412KT146/R	R004	401 105 4215	MT-GLAZE 33K JA 1/16W
Q002	405 118 5729	TR 2SD2198-R-DL	R005	401 105 2013	MT-GLAZE 1.8K JA 1/16W
Q003	405 014 4519	TR 2SC2412KT146/R	R006	401 105 4215	MT-GLAZE 33K JA 1/16W
Q1202	406 017 2400	TR BC847B, 215 3000/REEL	R008	401 105 4215	MT-GLAZE 33K JA 1/16W
Q1221	406 017 2400	TR BC847B, 215 3000/REEL	R009	401 105 0613	MT-GLAZE 10K JA 1/16W
Q1222	406 017 2400	TR BC847B, 215 3000/REEL	R011	401 312 2516	MT-GLAZE 2.2 FA 1/2W
Q1223	406 017 2400	TR BC847B, 215 3000/REEL	R012	401 276 4717	MT-GLAZE 0.000 ZA 1/3W
Q1224	406 017 2400	TR BC847B, 215 3000/REEL	R013	401 276 4717	MT-GLAZE 0.000 ZA 1/3W
Q1225	406 017 2400	TR BC847B, 215 3000/REEL	R014	401 190 1717	MT-GLAZE 0.000 ZA 1W
Q1261	406 017 2400	TR BC847B, 215 3000/REEL	R015	401 190 1717	MT-GLAZE 0.000 ZA 1W
Q1262	406 017 2400	TR BC847B, 215 3000/REEL	R016	401 190 1717	MT-GLAZE 0.000 ZA 1W
Q131	406 017 2400	TR BC847B, 215 3000/REEL	R017	401 190 1717	MT-GLAZE 0.000 ZA 1W
Q133	406 017 2400	TR BC847B, 215 3000/REEL	R021	401 259 1511	MT-GLAZE 2.2 JA 1/3W
Q134	406 017 2103	TR BC857B, 215 3000/REEL	R022	401 259 1511	MT-GLAZE 2.2 JA 1/3W
Q141	405 015 9721	TR 2SC2814-F4-TB	R023	401 259 1511	MT-GLAZE 2.2 JA 1/3W
Q1501	405 014 4519	TR 2SC2412KT146/R	R024	401 259 1511	MT-GLAZE 2.2 JA 1/3W
Q1502	405 014 4519	TR 2SC2412KT146/R	R026	401 105 0316	MT-GLAZE 10 JA 1/16W
Q1503	405 014 4519	TR 2SC2412KT146/R	R027	401 105 0316	MT-GLAZE 10 JA 1/16W
Q151	406 017 2400	TR BC847B, 215 3000/REEL	R028	401 105 6516	MT-GLAZE 680 JA 1/16W
Q152	406 017 2400	TR BC847B, 215 3000/REEL	R029	401 258 8214	MT-GLAZE 680 JA 1/3W
Q1851	405 148 2917	TR 2SC5103 TL P	R041	401 105 0613	MT-GLAZE 10K JA 1/16W
Q1853	405 148 2917	TR 2SC5103 TL P	R042	401 105 0613	MT-GLAZE 10K JA 1/16W
Q1854	405 014 4519	TR 2SC2412KT146/R	R043	401 105 1511	MT-GLAZE 1.5K JA 1/16W
Q1855	405 014 4519	TR 2SC2412KT146/R	R045	401 105 1511	MT-GLAZE 1.5K JA 1/16W
Q3421	406 017 2103	TR BC857B, 215 3000/REEL	R049	401 105 0613	MT-GLAZE 10K JA 1/16W
Q3422	406 017 2400	TR BC847B, 215 3000/REEL	R051	401 105 4215	MT-GLAZE 33K JA 1/16W
Q6601	405 014 4519	TR 2SC2412KT146/R	R052	401 276 4717	MT-GLAZE 0.000 ZA 1/3W
Q6602	405 014 4519	TR 2SC2412KT146/R	R060	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
Q6604	405 014 4519	TR 2SC2412KT146/R	R061	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
Q6605	406 017 2400	TR BC847B, 215 3000/REEL	R062	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
Q6651	405 151 2010	TR FSS134-TL	R101	401 105 0415	MT-GLAZE 100 JA 1/16W
Q6653	405 151 2010	TR FSS134-TL	R102	401 105 0415	MT-GLAZE 100 JA 1/16W
Q6671	405 014 4519	TR 2SC2412KT146/R	R103	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
Q6681	406 017 2400	TR BC847B, 215 3000/REEL	R104	401 105 6011	MT-GLAZE 5.6K JA 1/16W
Q6691	405 151 1815	TR 5HN01C-TB	R105	401 105 0514	MT-GLAZE 1K JA 1/16W
Q801	405 014 4519	TR 2SC2412KT146/R	R106	401 105 3119	MT-GLAZE 27 JA 1/16W
Q803	405 014 4519	TR 2SC2412KT146/R	R107	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
Q804	405 014 4519	TR 2SC2412KT146/R	R108	401 105 2716	MT-GLAZE 220 JA 1/16W
Q805	405 134 5925	TR BC857B, 235 10000/REEL	R116	401 105 0415	MT-GLAZE 100 JA 1/16W
			R118	401 105 0613	MT-GLAZE 10K JA 1/16W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R120	401 105 6011	MT-GLAZE 5.6K JA 1/16W	R1812	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R1201	401 105 3218	MT-GLAZE 270 JA 1/16W	R1813	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R1206	401 105 3218	MT-GLAZE 270 JA 1/16W	R1814	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R121	401 105 0415	MT-GLAZE 100 JA 1/16W	R1816	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1215	401 105 4116	MT-GLAZE 3.3K JA 1/16W	R1817	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1216	401 105 4611	MT-GLAZE 3.9K JA 1/16W	R1818	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1217	401 105 5212	MT-GLAZE 470 JA 1/16W	R1819	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R122	401 105 0415	MT-GLAZE 100 JA 1/16W	R1821	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1221	401 105 0613	MT-GLAZE 10K JA 1/16W	R1822	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R1222	401 105 0514	MT-GLAZE 1K JA 1/16W	R1823	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R1223	401 105 0613	MT-GLAZE 10K JA 1/16W	R1824	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R1224	401 105 0514	MT-GLAZE 1K JA 1/16W	R1826	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1225	401 105 0514	MT-GLAZE 1K JA 1/16W	R1827	401 105 8015	MT-GLAZE 1M JA 1/16W
R1226	401 105 0613	MT-GLAZE 10K JA 1/16W	R1828	401 105 2617	MT-GLAZE ERJ-3GEYJ220V
R1227	401 105 0613	MT-GLAZE 10K JA 1/16W	R1829	401 105 0514	MT-GLAZE 1K JA 1/16W
R1228	401 105 0613	MT-GLAZE 10K JA 1/16W	R1831	401 105 0514	MT-GLAZE 1K JA 1/16W
R123	401 105 3317	MT-GLAZE 2.7K JA 1/16W	R1832	401 105 0514	MT-GLAZE 1K JA 1/16W
R1230	401 105 3218	MT-GLAZE 270 JA 1/16W	R1833	401 105 0514	MT-GLAZE 1K JA 1/16W
R125	401 105 8213	MT-GLAZE ERJ 3GEYJ683V	R1834	401 105 0514	MT-GLAZE 1K JA 1/16W
R126	401 105 0613	MT-GLAZE 10K JA 1/16W	R1837	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1261	401 105 4611	MT-GLAZE 3.9K JA 1/16W	R1851	401 105 0613	MT-GLAZE 10K JA 1/16W
R1262	401 105 2815	MT-GLAZE 2.2K JA 1/16W	R1853	401 105 0613	MT-GLAZE 10K JA 1/16W
R1263	401 105 0712	MT-GLAZE 100K JA 1/16W	R1854	401 105 0613	MT-GLAZE 10K JA 1/16W
R1264	401 105 6516	MT-GLAZE 680 JA 1/16W	R1855	401 105 0415	MT-GLAZE 100 JA 1/16W
R127	401 105 0613	MT-GLAZE 10K JA 1/16W	R1856	401 105 0613	MT-GLAZE 10K JA 1/16W
R128	401 105 4017	MT-GLAZE 330 JA 1/16W	R1857	401 105 4116	MT-GLAZE 3.3K JA 1/16W
R1284	401 105 3218	MT-GLAZE 270 JA 1/16W	R1858	401 105 0514	MT-GLAZE 1K JA 1/16W
R130	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1862	401 105 0514	MT-GLAZE 1K JA 1/16W
R131	401 105 5915	MT-GLAZE 560 JA 1/16W	R1863	401 105 4116	MT-GLAZE 3.3K JA 1/16W
R137	401 105 0415	MT-GLAZE 100 JA 1/16W	R1864	401 105 1719	MT-GLAZE 150K JA 1/16W
R138	401 105 2716	MT-GLAZE 220 JA 1/16W	R1866	401 105 1719	MT-GLAZE 150K JA 1/16W
R139	401 105 3218	MT-GLAZE 270 JA 1/16W	R1869	401 105 8114	MT-GLAZE 56K JA 1/16W
R140	401 105 5212	MT-GLAZE 470 JA 1/16W	R1871	401 105 0415	MT-GLAZE 100 JA 1/16W
R145	401 105 8213	MT-GLAZE ERJ 3GEYJ683V	R1872	401 105 0415	MT-GLAZE 100 JA 1/16W
R146	401 105 2914	MT-GLAZE 22K JA 1/16W	R1874	401 105 8114	MT-GLAZE 56K JA 1/16W
R147	401 105 0613	MT-GLAZE 10K JA 1/16W	R1876	401 105 0613	MT-GLAZE 10K JA 1/16W
R149	401 105 5816	MT-GLAZE 56 JA 1/16W	R1877	401 105 0613	MT-GLAZE 10K JA 1/16W
R150	401 105 4215	MT-GLAZE 33K JA 1/16W	R1878	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1501	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1879	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1502	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1880	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1503	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1881	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1504	401 113 4412	MT-GLAZE 75 JA 1/16W	R2001	401 105 5212	MT-GLAZE 470 JA 1/16W
R1505	401 113 4412	MT-GLAZE 75 JA 1/16W	R2002	401 105 6417	MT-GLAZE 68 JA 1/16W
R1506	401 113 4412	MT-GLAZE 75 JA 1/16W	R2003	401 105 0415	MT-GLAZE 100 JA 1/16W
R1507	401 113 4412	MT-GLAZE 75 JA 1/16W	R2004	401 105 0415	MT-GLAZE 100 JA 1/16W
R1511	401 105 1610	MT-GLAZE 15K JA 1/16W	R2006	401 105 0415	MT-GLAZE 100 JA 1/16W
R1512	401 105 1610	MT-GLAZE 15K JA 1/16W	R2007	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1513	401 105 0613	MT-GLAZE 10K JA 1/16W	R2021	401 105 5212	MT-GLAZE 470 JA 1/16W
R1514	401 105 0613	MT-GLAZE 10K JA 1/16W	R2022	401 105 1412	MT-GLAZE 150 JA 1/16W
R1515	401 105 2815	MT-GLAZE 2.2K JA 1/16W	R2024	401 105 5212	MT-GLAZE 470 JA 1/16W
R1516	401 105 2815	MT-GLAZE 2.2K JA 1/16W	R2025	401 105 5212	MT-GLAZE 470 JA 1/16W
R1517	401 105 0613	MT-GLAZE 10K JA 1/16W	R2026	401 105 5212	MT-GLAZE 470 JA 1/16W
R1518	401 105 0613	MT-GLAZE 10K JA 1/16W	R2027	401 105 6417	MT-GLAZE 68 JA 1/16W
R152	401 105 3416	MT-GLAZE 27K JA 1/16W	R2028	401 105 6417	MT-GLAZE 68 JA 1/16W
R153	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R2029	401 105 6417	MT-GLAZE 68 JA 1/16W
R1601	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R3421	401 105 0613	MT-GLAZE 10K JA 1/16W
R1602	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R3422	401 105 5915	MT-GLAZE 560 JA 1/16W
R161	401 105 1115	MT-GLAZE 12K JA 1/16W	R3423	401 105 0613	MT-GLAZE 10K JA 1/16W
R162	401 105 0613	MT-GLAZE 10K JA 1/16W	R3424	401 105 2815	MT-GLAZE 2.2K JA 1/16W
R1801	401 105 0613	MT-GLAZE 10K JA 1/16W	R3441	401 105 2716	MT-GLAZE 220 JA 1/16W
R1802	401 105 0712	MT-GLAZE 100K JA 1/16W	R3442	401 105 2716	MT-GLAZE 220 JA 1/16W
R1803	401 105 0514	MT-GLAZE 1K JA 1/16W	R3443	401 105 2716	MT-GLAZE 220 JA 1/16W
R1804	401 105 0514	MT-GLAZE 1K JA 1/16W	R3444	401 105 2716	MT-GLAZE 220 JA 1/16W
R1805	401 105 5311	MT-GLAZE 4.7K JA 1/16W	R3445	401 105 2716	MT-GLAZE 220 JA 1/16W
R1806	401 105 0514	MT-GLAZE 1K JA 1/16W	R3446	401 105 2716	MT-GLAZE 220 JA 1/16W
R1807	401 105 0415	MT-GLAZE 100 JA 1/16W	R3466	401 105 0415	MT-GLAZE 100 JA 1/16W
R1808	401 105 0415	MT-GLAZE 100 JA 1/16W	R3467	401 105 0415	MT-GLAZE 100 JA 1/16W
R1809	401 105 0415	MT-GLAZE 100 JA 1/16W	R3468	401 105 3515	MT-GLAZE 270K JA 1/16W
R1810	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R3473	401 105 2716	MT-GLAZE 220 JA 1/16W
R1811	401 105 5311	MT-GLAZE 4.7K JA 1/16W	R3474	401 105 2716	MT-GLAZE 220 JA 1/16W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R3475	401 105 0910	MT-GLAZE 120 JA 1/16W	R6698	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R3476	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R703	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R3481	401 105 7216	MT-GLAZE 82 JA 1/16W	R705	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R3482	401 105 7216	MT-GLAZE 82 JA 1/16W	R713	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R3483	401 105 0415	MT-GLAZE 100 JA 1/16W	R718	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R3484	401 105 0415	MT-GLAZE 100 JA 1/16W	R721	645 036 3894	BLM21PG221SN1D E258
R3485	401 105 2716	MT-GLAZE 220 JA 1/16W	R722	645 036 3894	BLM21PG221SN1D E258
R3486	401 105 2716	MT-GLAZE 220 JA 1/16W	R728	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6601	401 105 2112	MT-GLAZE 18K JA 1/16W	R729	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6602	401 105 2112	MT-GLAZE 18K JA 1/16W	R732	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6604	401 105 2112	MT-GLAZE 18K JA 1/16W	R733	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6605	401 105 2112	MT-GLAZE 18K JA 1/16W	R734	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6606	401 105 4215	MT-GLAZE 33K JA 1/16W	R736	645 036 3894	BLM21PG221SN1D E258
R6607	401 105 4215	MT-GLAZE 33K JA 1/16W	R753	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6608	401 105 5311	MT-GLAZE 4.7K JA 1/16W	R763	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6609	401 105 4215	MT-GLAZE 33K JA 1/16W	R764	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6610	401 105 4215	MT-GLAZE 33K JA 1/16W	R765	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6611	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R773	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6612	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R774	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6613	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R801	401 105 0613	MT-GLAZE 10K JA 1/16W
R6614	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R802	401 105 0613	MT-GLAZE 10K JA 1/16W
R6615	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R803	401 105 0613	MT-GLAZE 10K JA 1/16W
R6621	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R804	401 105 0613	MT-GLAZE 10K JA 1/16W
R6622	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R805	401 105 0613	MT-GLAZE 10K JA 1/16W
R6623	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R806	401 105 0415	MT-GLAZE 100 JA 1/16W
R6624	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R807	401 105 0415	MT-GLAZE 100 JA 1/16W
R6625	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R808	401 105 0415	MT-GLAZE 100 JA 1/16W
R6626	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R809	401 105 0415	MT-GLAZE 100 JA 1/16W
R6627	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R810	401 105 0415	MT-GLAZE 100 JA 1/16W
R6628	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R811	401 105 0415	MT-GLAZE 100 JA 1/16W
R6629	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R812	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6630	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R814	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6631	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R815	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6632	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R816	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6633	401 241 6210	MT-GLAZE 6.8 JA 1W	R817	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6634	401 241 6210	MT-GLAZE 6.8 JA 1W	R818	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6635	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R821	401 105 0613	MT-GLAZE 10K JA 1/16W
R6636	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R822	401 105 0613	MT-GLAZE 10K JA 1/16W
R6637	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R825	401 105 0415	MT-GLAZE 100 JA 1/16W
R6638	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R826	401 105 0415	MT-GLAZE 100 JA 1/16W
R6639	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R827	401 217 3915	MT-GLAZE 3.3K FA 1/16W
R6640	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R828	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6641	401 217 3915	MT-GLAZE 3.3K FA 1/16W	R829	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6642	401 228 2716	MT-GLAZE 270 FA 1/16W	R830	401 105 0514	MT-GLAZE 1K JA 1/16W
R6643	401 218 4416	MT-GLAZE 1.2K FA 1/16W	R831	401 105 0415	MT-GLAZE 100 JA 1/16W
R6644	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R832	401 105 1115	MT-GLAZE 12K JA 1/16W
R6645	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R833	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6646	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R835	401 105 1115	MT-GLAZE 12K JA 1/16W
R6647	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R836	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6648	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R837	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6649	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R838	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6652	401 105 5410	MT-GLAZE 47K JA 1/16W	R839	401 105 0415	MT-GLAZE 100 JA 1/16W
R6654	401 105 6110	MT-GLAZE 560K JA 1/16W	R840	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6656	401 105 2914	MT-GLAZE 22K JA 1/16W	R841	401 105 5311	MT-GLAZE 4.7K JA 1/16W
R6657	401 105 2914	MT-GLAZE 22K JA 1/16W	R842	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6658	401 105 0613	MT-GLAZE 10K JA 1/16W	R844	401 105 1115	MT-GLAZE 12K JA 1/16W
R6659	401 218 4416	MT-GLAZE 1.2K FA 1/16W	R845	401 105 4116	MT-GLAZE 3.3K JA 1/16W
R6660	401 218 4614	MT-GLAZE 5.6K FA 1/16W	R846	401 105 3911	MT-GLAZE 33 JA 1/16W
R6661	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R847	401 105 3911	MT-GLAZE 33 JA 1/16W
R6671	401 217 3915	MT-GLAZE 3.3K FA 1/16W	R848	401 105 0514	MT-GLAZE 1K JA 1/16W
R6672	401 228 2716	MT-GLAZE 270 FA 1/16W	R849	401 105 2914	MT-GLAZE 22K JA 1/16W
R6673	401 218 4416	MT-GLAZE 1.2K FA 1/16W	R850	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6681	401 105 0514	MT-GLAZE 1K JA 1/16W	R851	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R6691	401 105 6110	MT-GLAZE 560K JA 1/16W	R858	401 105 0613	MT-GLAZE 10K JA 1/16W
R6692	401 105 2112	MT-GLAZE 18K JA 1/16W	R859	401 105 0712	MT-GLAZE 100K JA 1/16W
R6693	401 105 2914	MT-GLAZE 22K JA 1/16W	R860	401 105 0613	MT-GLAZE 10K JA 1/16W
R6694	401 105 0514	MT-GLAZE 1K JA 1/16W	R861	401 105 2914	MT-GLAZE 22K JA 1/16W
R6695	401 235 7018	MT-GLAZE 39K FA 1/16W	R862	401 105 0712	MT-GLAZE 100K JA 1/16W
R6696	401 202 4415	MT-GLAZE 750 FA 1/16W	R870	401 105 0613	MT-GLAZE 10K JA 1/16W
R6697	401 218 4416	MT-GLAZE 1.2K FA 1/16W	R871	401 105 0613	MT-GLAZE 10K JA 1/16W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R872	401 113 5419	MT-GLAZE 510 JA 1/16W	JS134	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R873	401 105 2815	MT-GLAZE 2.2K JA 1/16W	JS135	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R874	401 105 2815	MT-GLAZE 2.2K JA 1/16W	JS136	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R877	401 105 0613	MT-GLAZE 10K JA 1/16W	KCPA	645 006 0861	PLUG, 7P
R880	401 105 1610	MT-GLAZE 15K JA 1/16W	KFN1	645 005 7373	PLUG, 3P
R881	401 105 1610	MT-GLAZE 15K JA 1/16W	KFN3	645 005 7373	PLUG, 3P
R882	401 105 1511	MT-GLAZE 1.5K JA 1/16W	KJ	645 036 7137	PLUG, 9P
R883	401 105 1511	MT-GLAZE 1.5K JA 1/16W	KJTAG	645 004 2935	HOUSING PLUG 7P
R884	401 105 1610	MT-GLAZE 15K JA 1/16W	KPGN	645 004 2881	PLUG, 2P
R885	401 105 1610	MT-GLAZE 15K JA 1/16W	KP2A	645 005 8110	PLUG, 4P
R886	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KP2B	645 005 9292	PLUG, 5P B5B-PH-K-S
R891	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KP3	645 005 7373	PLUG, 3P
R892	401 105 0613	MT-GLAZE 10K JA 1/16W	KP4	645 004 2881	PLUG, 2P
R893	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KSP9L	645 005 8110	PLUG, 4P
R894	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KSP9R	645 005 8110	PLUG, 4P
R895	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KX	645 055 3547	SOCKET, FPC 50P
R896	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	KY	645 005 8158	PLUG, 10P B10B-PH-K-S
R897	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K16P	645 005 8127	PLUG, 6P B6B-PH-K-S
R899	401 105 0613	MT-GLAZE 10K JA 1/16W	K16Q	645 006 0861	PLUG, 7P
MISCELLANEOUS			K16R	645 047 0806	PLUG, PWB 7P
A101	645 067 1500	TUNER, U/V	K16V	645 005 8158	PLUG, 10P B10B-PH-K-S
JN03	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K16W	645 005 9292	PLUG, 5P B5B-PH-K-S
JN06	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K1801	645 004 2959	HOUSING PLUG 9P
JN08	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K7M	645 038 1805	PLUG 30P
JN13	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K8M	645 005 8110	PLUG, 4P
JN15	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K8R	645 047 0769	PLUG, PWB 3P
JN16	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K8S	645 047 0776	PLUG, PWB 4P
JN18	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC801	645 055 3202	SURGE-ABSORBER
JP001	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC802	645 055 3202	SURGE-ABSORBER
JP002	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC803	645 055 3202	SURGE-ABSORBER
JP003	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC804	645 055 3202	SURGE-ABSORBER
JP006	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC805	645 055 3202	SURGE-ABSORBER
JP007	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	SC806	645 055 3202	SURGE-ABSORBER
JP101	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP-A	645 036 5010	TERMINAL
JP102	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP-C	645 036 5010	TERMINAL
JP802	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP-F	645 036 5010	TERMINAL
JP810	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP-H	645 036 5010	TERMINAL
JP811	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP-V	645 036 5010	TERMINAL
JP812	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1608	645 036 5010	TERMINAL
JP813	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1609	645 036 5010	TERMINAL
JP814	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1610	645 036 5010	TERMINAL
JP815	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1611	645 036 5010	TERMINAL
JP816	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1612	645 036 5010	TERMINAL
JP817	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1613	645 036 5010	TERMINAL
JP818	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1614	645 036 5010	TERMINAL
JP819	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP_1615	645 036 5010	TERMINAL
JP820	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1601	645 036 5010	TERMINAL
JP821	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1602	645 036 5010	TERMINAL
JP822	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1603	645 036 5010	TERMINAL
JP823	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1604	645 036 5010	TERMINAL
JP824	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1605	645 036 5010	TERMINAL
JP825	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1606	645 036 5010	TERMINAL
JP826	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP1607	645 036 5010	TERMINAL
JP827	401 276 4717	MT-GLAZE 0.000 ZA 1/3W	TP21	645 036 5010	TERMINAL
JP828	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP22	645 036 5010	TERMINAL
JP829	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP23	645 036 5010	TERMINAL
JP830	401 276 4717	MT-GLAZE 0.000 ZA 1/3W	TP24	645 036 5010	TERMINAL
JP831	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP25	645 036 5010	TERMINAL
JP832	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP26	645 036 5010	TERMINAL
JP833	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP27	645 036 5010	TERMINAL
JP834	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP28	645 036 5010	TERMINAL
JP835	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP29	645 036 5010	TERMINAL
JP836	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TP6616	645 036 5010	TERMINAL
JP837	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	X131	421 003 9102	SAW F TSB5318U
JP838	401 190 1717	MT-GLAZE 0.000 ZA 1W	X132	421 002 2609	SAW F TSF5315
JP839	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	X133	645 063 1542	OSC, CRYSTAL 4MHZ
JP840	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	X1871	645 053 8810	OSC, CERAMIC 16.0MHZ
JS112	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	X3451	645 042 2157	OSC, CRYSTAL 27MHZ
JS130	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	X801	645 042 2157	OSC, CRYSTAL 27MHZ
			Z101	610 315 0543	SHIELD CASE IF-A-N2DJ

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Z102	610 315 0550	SHIELD CASE IF-B-N2DJ	RESISTOR		
Z801	610 315 0567	SHIELD CASE CPU-A-N2DJ	R1001	401 105 3218	MT-GLAZE 270 JA 1/16W
1AA0B10N0860A ASSY,PWB,AV,N2DJ			R1002	401 105 3218	MT-GLAZE 270 JA 1/16W
CAPACITOR			R1003	401 105 0514	MT-GLAZE 1K JA 1/16W
C1001	403 113 3815	GRM188R71H102KA01D PT115	R1005	401 105 0514	MT-GLAZE 1K JA 1/16W
C1002	403 113 3815	GRM188R71H102KA01D PT115	R1006	401 105 0514	MT-GLAZE 1K JA 1/16W
C1003	403 113 3815	GRM188R71H102KA01D PT115	R1007	401 105 0514	MT-GLAZE 1K JA 1/16W
C1004	403 113 3815	GRM188R71H102KA01D PT115	R1008	401 105 1719	MT-GLAZE 150K JA 1/16W
C1005	403 157 3611	GRM1885C1H101JZ01D PT115	R1009	401 105 0712	MT-GLAZE 100K JA 1/16W
C1007	403 157 3611	GRM1885C1H101JZ01D PT115	R1010	401 105 1016	MT-GLAZE 1.2K JA 1/16W
C1008	403 157 3611	GRM1885C1H101JZ01D PT115	R1011	401 105 1719	MT-GLAZE 150K JA 1/16W
C1009	403 157 3611	GRM1885C1H101JZ01D PT115	R1012	401 105 0712	MT-GLAZE 100K JA 1/16W
C1010	403 157 3611	GRM1885C1H101JZ01D PT115	R1013	401 105 1016	MT-GLAZE 1.2K JA 1/16W
C1011	403 207 0317	GRM21BF51C105ZA01L PT297	R1015	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1012	403 157 3611	GRM1885C1H101JZ01D PT115	R1016	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1013	403 207 0317	GRM21BF51C105ZA01L PT297	R1017	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1021	403 207 0317	GRM21BF51C105ZA01L PT297	R1021	401 113 4412	MT-GLAZE 75 JA 1/16W
C1022	403 207 0317	GRM21BF51C105ZA01L PT297	R1022	401 105 0415	MT-GLAZE 100 JA 1/16W
C1023	403 207 0317	GRM21BF51C105ZA01L PT297	R1023	401 105 4710	MT-GLAZE 39K JA 1/16W
C1025	403 164 0214	GRM188F51E104ZA01D PT115	R1025	401 113 4412	MT-GLAZE 75 JA 1/16W
C1047	403 248 1618	16 YK 47 M TA 0511	R1026	401 105 0415	MT-GLAZE 100 JA 1/16W
C1101	403 113 3815	GRM188R71H102KA01D PT115	R1030	401 113 4412	MT-GLAZE 75 JA 1/16W
C1102	403 113 3815	GRM188R71H102KA01D PT115	R1031	401 105 0415	MT-GLAZE 100 JA 1/16W
C1103	403 113 3815	GRM188R71H102KA01D PT115	R1034	401 113 4412	MT-GLAZE 75 JA 1/16W
C1104	403 113 3815	GRM188R71H102KA01D PT115	R1035	401 105 0415	MT-GLAZE 100 JA 1/16W
C1105	403 233 0817	ELECT 10U M 50V	R1036	401 105 0514	MT-GLAZE 1K JA 1/16W
C1106	403 233 0817	ELECT 10U M 50V	R1037	401 113 4412	MT-GLAZE 75 JA 1/16W
C1107	403 157 3611	GRM1885C1H101JZ01D PT115	R1038	401 113 4412	MT-GLAZE 75 JA 1/16W
C1108	403 157 3611	GRM1885C1H101JZ01D PT115	R1047	401 105 2914	MT-GLAZE 22K JA 1/16W
C1109	403 157 3611	GRM1885C1H101JZ01D PT115	R1048	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1110	403 207 0317	GRM21BF51C105ZA01L PT297	R1049	401 105 5311	MT-GLAZE 4.7K JA 1/16W
C1111	403 157 3611	GRM1885C1H101JZ01D PT115	R1050	401 105 5311	MT-GLAZE 4.7K JA 1/16W
C1112	403 157 3611	GRM1885C1H101JZ01D PT115	R1054	401 105 2914	MT-GLAZE 22K JA 1/16W
C1113	403 157 3611	GRM1885C1H101JZ01D PT115	R1055	401 105 2914	MT-GLAZE 22K JA 1/16W
C1114	403 207 0317	GRM21BF51C105ZA01L PT297	R1056	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1115	403 207 0317	GRM21BF51C105ZA01L PT297	R1057	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1116	403 207 0317	GRM21BF51C105ZA01L PT297	R1058	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
C1117	403 207 0317	GRM21BF51C105ZA01L PT297	R1059	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
DIODE			R1060	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
D1042	407 149 0817	DIODE 1SS355-TE-17	R1061	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
D1044	407 166 1118	DIODE 1SS356-TW11	R1062	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
D1141	407 149 0817	DIODE 1SS355-TE-17	R1063	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
INTEGRATED CIRCUIT			R1101	401 105 3218	MT-GLAZE 270 JA 1/16W
IC1203	409 051 2930	IC TC4053BF(EL)	R1102	401 105 3218	MT-GLAZE 270 JA 1/16W
COIL			R1103	401 105 0514	MT-GLAZE 1K JA 1/16W
L1001	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1104	401 105 0514	MT-GLAZE 1K JA 1/16W
L1002	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1105	401 105 0514	MT-GLAZE 1K JA 1/16W
L1003	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1106	401 105 1719	MT-GLAZE 150K JA 1/16W
L1004	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1107	401 105 0712	MT-GLAZE 100K JA 1/16W
L1005	645 036 3894	BLM21PG221SN1D E258	R1108	401 105 1016	MT-GLAZE 1.2K JA 1/16W
L1101	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1109	401 105 0514	MT-GLAZE 1K JA 1/16W
L1102	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1110	401 105 1719	MT-GLAZE 150K JA 1/16W
L1103	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1111	401 105 0712	MT-GLAZE 100K JA 1/16W
L1104	645 004 0344	INDUCTOR,10UK LAV35VB100K	R1112	401 105 1016	MT-GLAZE 1.2K JA 1/16W
L1105	645 036 3894	BLM21PG221SN1D E258	R1121	401 113 4412	MT-GLAZE 75 JA 1/16W
TRANSISTOR			R1122	401 105 0415	MT-GLAZE 100 JA 1/16W
Q1001	405 014 4519	TR 2SC2412KT146/R	R1123	401 105 4710	MT-GLAZE 39K JA 1/16W
Q1002	405 014 4519	TR 2SC2412KT146/R	R1124	401 113 4412	MT-GLAZE 75 JA 1/16W
Q1041	406 017 2400	TR BC847B,215 3000/REEL	R1125	401 105 0415	MT-GLAZE 100 JA 1/16W
Q1042	406 017 2103	TR BC857B,215 3000/REEL	R1126	401 113 4412	MT-GLAZE 75 JA 1/16W
Q1101	405 014 4519	TR 2SC2412KT146/R	R1127	401 105 0415	MT-GLAZE 100 JA 1/16W
Q1102	405 014 4519	TR 2SC2412KT146/R	R1128	401 113 4412	MT-GLAZE 75 JA 1/16W
Q1141	406 017 2400	TR BC847B,215 3000/REEL	R1129	401 105 0415	MT-GLAZE 100 JA 1/16W
Q1142	406 017 2103	TR BC857B,215 3000/REEL	R1131	401 113 4412	MT-GLAZE 75 JA 1/16W
			R1132	401 113 4412	MT-GLAZE 75 JA 1/16W
			R1141	401 105 2914	MT-GLAZE 22K JA 1/16W
			R1142	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
			R1143	401 105 5311	MT-GLAZE 4.7K JA 1/16W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
SURGE ABSORBER			1AA0B10N0860C ASSY,PWB,SIDE-AV,N2DJ		
SC1001	645 055 3202	SURGE-ABSORBER	CAPACITOR		
SC1002	645 055 3202	SURGE-ABSORBER	C1403	403 157 3611	GRM1885C1H101JZ01D PT115
SC1003	645 055 3202	SURGE-ABSORBER	C1404	403 157 3611	GRM1885C1H101JZ01D PT115
SC1004	645 055 3202	SURGE-ABSORBER	C1405	403 233 0817	ELECT 10U M 50V
SC1021	645 055 3202	SURGE-ABSORBER	C1406	403 157 3611	GRM1885C1H101JZ01D PT115
SC1022	645 055 3202	SURGE-ABSORBER	C1407	403 157 3611	GRM1885C1H101JZ01D PT115
SC1023	645 055 3202	SURGE-ABSORBER	C1408	403 233 0817	ELECT 10U M 50V
SC1024	645 055 3202	SURGE-ABSORBER	C1409	403 149 9218	GRM188F51H103ZA01D PT115
SC1025	645 055 3202	SURGE-ABSORBER	C1410	403 233 0817	ELECT 10U M 50V
SC1026	645 055 3202	SURGE-ABSORBER	C1411	403 149 9218	GRM188F51H103ZA01D PT115
SC1027	645 055 3202	SURGE-ABSORBER	C1412	403 233 0817	ELECT 10U M 50V
SC1028	645 055 3202	SURGE-ABSORBER	C1423	403 149 9218	GRM188F51H103ZA01D PT115
SC1029	645 055 3202	SURGE-ABSORBER	C1424	403 149 9218	GRM188F51H103ZA01D PT115
SC1101	645 055 3202	SURGE-ABSORBER	C1425	403 149 9218	GRM188F51H103ZA01D PT115
SC1102	645 055 3202	SURGE-ABSORBER	C1426	403 149 9218	GRM188F51H103ZA01D PT115
SC1103	645 055 3202	SURGE-ABSORBER	C1427	403 164 0214	GRM188F51E104ZA01D PT115
SC1104	645 055 3202	SURGE-ABSORBER	COIL		
SC1121	645 055 3202	SURGE-ABSORBER	L1401	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
SC1122	645 055 3202	SURGE-ABSORBER	L1402	645 004 0344	INDUCTOR,10UK LAV35VB100K
SC1123	645 055 3202	SURGE-ABSORBER	L1403	645 004 0344	INDUCTOR,10UK LAV35VB100K
SC1124	645 055 3202	SURGE-ABSORBER	L1421	645 004 0351	INDUCTOR 12U K
SC1125	645 055 3202	SURGE-ABSORBER	L1422	645 004 0351	INDUCTOR 12U K
SC1126	645 055 3202	SURGE-ABSORBER	L1423	645 033 2722	BEAD CORE TAIYO YUDEN 52M
SC1127	645 055 3202	SURGE-ABSORBER	TRANSISTOR		
MISCELLANEOUS			Q1401	405 014 4519	TR 2SC2412KT146/R
JP1041	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	Q1402	405 014 4519	TR 2SC2412KT146/R
JP1042	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	RESISTOR		
JP1202	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1401	401 113 4412	MT-GLAZE 75 JA 1/16W
K10X	645 036 0619	SOCKET,FPC 50P	R1402	401 105 2815	MT-GLAZE 2.2K JA 1/16W
K1001	645 025 1047	SOCKET,RGB 21P	R1403	401 105 0712	MT-GLAZE 100K JA 1/16W
K1002	645 025 1047	SOCKET,RGB 21P	R1404	401 105 2815	MT-GLAZE 2.2K JA 1/16W
K1003	645 041 1854	JACK,RCA-2	R1405	401 105 0712	MT-GLAZE 100K JA 1/16W
1AA0B10N0860B ASSY,PWB,AC-LINE,N2DJ			R1406	401 105 0712	MT-GLAZE 100K JA 1/16W
CAPACITOR			R1407	401 105 2815	MT-GLAZE 2.2K JA 1/16W
C601	404 056 1408	MT-POLYEST 0.1U M 250V	R1408	401 105 1719	MT-GLAZE 150K JA 1/16W
C603	404 056 1408	MT-POLYEST 0.1U M 250V	R1409	401 105 0712	MT-GLAZE 100K JA 1/16W
C606	404 073 5106	DE1B3KX471KB5BC05 250V	R1410	401 105 1719	MT-GLAZE 150K JA 1/16W
C607	404 073 5106	DE1B3KX471KB5BC05 250V	R1411	401 105 2815	MT-GLAZE 2.2K JA 1/16W
COIL			R1421	401 190 1717	MT-GLAZE 0.000 ZA 1W
L601	652 000 1749	PIPE CORE	R1422	401 190 1717	MT-GLAZE 0.000 ZA 1W
L602	652 000 1749	PIPE CORE	R1423	401 105 0613	MT-GLAZE 10K JA 1/16W
L603	645 068 2902	LINE FILTER TOUHOUAEN	SURGE ABSORBER		
L604	645 068 2902	LINE FILTER TOUHOUAEN	SC1401	645 055 3202	SURGE-ABSORBER
RESISTOR			SC1402	645 055 3202	SURGE-ABSORBER
R603	401 008 8627	CARBON 220K JA 1/2W	SC1403	645 055 3202	SURGE-ABSORBER
SURGE ABSORBER			SC1404	645 055 3202	SURGE-ABSORBER
SC601	645 059 3130	SURGE-ABSORBER	SC1405	645 055 3202	SURGE-ABSORBER
VARIABLE RESISTOR			MISCELLANEOUS		
VA601	407 130 2902	VARISTOR	J1401	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
VA602	407 130 2902	VARISTOR	J1402	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
MISCELLANEOUS			J1403	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
F601	423 022 2102	FUSE 250V 4.0A	J1404	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
F601A	645 000 5077	HOLDER,FUSE	J1405	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
F601B	645 000 5077	HOLDER,FUSE	J1406	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
KAC2	645 068 1677	PLUG,HOUSING 3P (6-3)	K14Y	645 005 8158	PLUG,10P B10B-PH-K-S
K601	645 059 5356	UNIT,NOISE FILTER	K1401	645 067 5515	JACK,RCA-1
K601B	81L08K2R0	CUTTING TUBE	K1402	610 009 8053	PHONE JACK
ZK600A	610 306 4284	NON STANDARD WIRE ASSY-JP	K1403	645 067 8738	JACK,RCA-2
			1AA0B10N0860D ASSY,PWB,KEY-SW,N2DJ		
			CAPACITOR		
			C1953	403 164 0214	GRM188F51E104ZA01D PT115

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
DIODE			SC1902	645 055 3202	SURGE-ABSORBER
D1951	407 149 0817	DIODE 1SS355-TE-17	SC1903	645 055 3202	SURGE-ABSORBER
D1952	407 149 0817	DIODE 1SS355-TE-17	MISCELLANEOUS		
RESISTOR			A1902	645 034 5029	UNIT,REMOCON RECEIVER
R1951	401 234 8610	MT-GLAZE 8.2K FA 1/16W	J1901	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1952	401 234 5510	MT-GLAZE 18K FA 1/16W	J1902	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1953	401 260 4716	MT-GLAZE 1.5K FA 1/16W	J1903	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1954	401 212 0414	MT-GLAZE 680 FA 1/16W	J1904	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
R1955	401 203 9914	MT-GLAZE 4.7K FA 1/16W	K19J	645 036 7137	PLUG,9P
R1956	401 203 9815	MT-GLAZE 2.7K FA 1/16W	K19R	645 005 6918	PLUG,SIDE-ZR-SM3A 3P
SURGE ABSORBER			SW1951	645 068 0663	SWITCH,SKQEACA010
SC1951	645 055 3202	SURGE-ABSORBER	1AA0B10N0860F ASSY,PWB,SENSOR,N2DJ		
SW1952	645 025 3478	SWITCH,PUSH 1P-2TX1	CAPACITOR		
SW1953	645 025 3478	SWITCH,PUSH 1P-2TX1	C1891	403 283 6319	CERAMIC 1U Z 10V
SW1954	645 025 3478	SWITCH,PUSH 1P-2TX1	C1892	403 283 6319	CERAMIC 1U Z 10V
SW1955	645 025 3478	SWITCH,PUSH 1P-2TX1	COIL		
SW1956	645 025 3478	SWITCH,PUSH 1P-2TX1	L1891	645 026 0988	INDUCTOR,2.2U M
SW1957	645 025 3478	SWITCH,PUSH 1P-2TX1	RESISTOR		
MISCELLANEOUS			R1891	401 105 7919	MT-GLAZE 0.000 ZA 1/16W
J1951	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	R1892	401 212 0513	MT-GLAZE 6.8K JA 1/16W
J1952	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	MISCELLANEOUS		
J1953	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	K18N	645 005 8110	PLUG,4P
J1954	401 105 7919	MT-GLAZE 0.000 ZA 1/16W	TH1891	408 052 7204	THERMISTOR TH11-3H103FT
K95R	645 005 6918	PLUG,SIDE-ZR-SM3A 3P	All information in this manual is correct at the start of production. Sanyo reserves the right to modify components and procedures in order to comply with their continuous improvement policy.		
1AA0B10N0860E ASSY,PWB,IR-LED,N2DJ					
CAPACITOR					
C1901	403 162 4016	ELECT 22U M 6.3V			
C1902	403 113 3815	GRM188R71H102KA01D PT115			
C1903	403 149 9218	GRM188F51H103ZA01D PT115			
C1904	403 149 9218	GRM188F51H103ZA01D PT115			
DIODE					
D1921	407 158 9204	LED SPR-39MVWF			
D1922	407 158 9204	LED SPR-39MVWF			
D1923	407 158 9204	LED SPR-39MVWF			
TRANSISTOR					
Q1901	409 498 7912	IC TPS819			
Q1922	405 014 4519	TR 2SC2412KT146/R			
Q1923	405 014 4519	TR 2SC2412KT146/R			
Q1924	405 014 4519	TR 2SC2412KT146/R			
RESISTOR					
R1914	401 105 0712	MT-GLAZE 100K JA 1/16W			
R1916	645 004 6650	INDUCTOR,600 OHM			
R1917	401 105 0415	MT-GLAZE 100 JA 1/16W			
R1918	401 105 0415	MT-GLAZE 100 JA 1/16W			
R1919	401 105 0415	MT-GLAZE 100 JA 1/16W			
R1921	401 105 7315	MT-GLAZE 820 JA 1/16W			
R1922	401 105 7315	MT-GLAZE 820 JA 1/16W			
R1923	401 105 3317	MT-GLAZE 2.7K JA 1/16W			
R1924	401 105 4116	MT-GLAZE 3.3K JA 1/16W			
R1925	401 105 7919	MT-GLAZE 0.000 ZA 1/16W			
R1926	401 105 0613	MT-GLAZE 10K JA 1/16W			
R1927	401 105 1511	MT-GLAZE 1.5K JA 1/16W			
R1928	401 105 1511	MT-GLAZE 1.5K JA 1/16W			
R1929	401 105 1511	MT-GLAZE 1.5K JA 1/16W			
R1931	401 105 1511	MT-GLAZE 1.5K JA 1/16W			
R1932	401 105 4116	MT-GLAZE 3.3K JA 1/16W			
R1933	401 105 7315	MT-GLAZE 820 JA 1/16W			
R1934	401 105 7315	MT-GLAZE 820 JA 1/16W			
R1936	401 105 4116	MT-GLAZE 3.3K JA 1/16W			
SURGE ABSORBER					
SC1901	645 055 3202	SURGE-ABSORBER			



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