

TX-28/25XD60C Service Manual

Safety

Specifications

Parts List

Service
Information

Adjustments

Self Check

Service Hints

Mechanical
View

Disassembly

Location of
Controls

Waveforms

Block Diagrams

Schematic Diagrams

PCB Views

Service Support

Service and repair of this product is supported by Panasonic's LUCI interface.

This interface provides a link between the TV and a standard PC to allow a number of diagnostic and control functions to be performed.

For more details contact your local Panasonic company.


BACK

EXIT

Video / Audio

Control


BACK

B2 - PCB

D - PCB

E - PCB

F2 - PCB

H - PCB

Y - PCB

B2 - Schematic

D - Schematic

E - Schematic

F2 - Schematic

H - Schematic

M3 - Schematic

Y - Schematic


BACK


BACK

Service Manual



TELEVISORE A COLORI

TX-28XD60C

TX-25XD60C

Telaio N. EURO-3H

Caratteristiche

(I numeri tra parentesi {} si riferiscono al modello TX-25XD60C)

Alimentazione	220-240V AC 50Hz	USCITA AV1	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms, 1kΩ
Consumo :	155W	INGRESSO AV2	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms, 10 kΩ S-Video IN Y : 1V p-p 75Ω (21 pin) C : 0.3V p-p 75Ω
Consumo in Stand-by :	1W	USCITA AV2	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms, 1 kΩ
Impedenza dell' antenna :	75Ω non bilanciata	INGRESSO AV3	Audio (RCA x 2) 500mV rms, 10kΩ Video (RCA x 1) 1V p-p 75Ω
Sistema di Ricezione:	CCIR 625 Linee PAL I, B, G, D, K, H PAL-60 SECAM B, G, D, K, L/L'. M. NTSC NTSC (Solo ingresso AV)	Tensione all' anodo :	28.5kV ± 1 kV
Canali Ricezione:	VHF E2 - E12 VHF H1 - H2 (ITALY) VHF A - H (ITALY) VHF R1 - R2 VHF R3 - R5 VHF R6 - R12 UHF E21 - E69 CATV (S01 - S05) CATV S1 - S10 (M1 - M10) CATV S11 - S20 (U1 - U10) CATV S21 - S41 (HYPER)	Tubo catodico :	66cmV {55cmV}
Frequenze intermedie :	Video 38.9MHz, 34MHz Audio 32.9MHz, 33.4 MHz 33.16 MHz, 32.4 MHz, 40.4MHz Colore 34.47MHz, 34.65MHz, 34.5MHz	Potenza audio :	Altroparlanti interni 2 x 20W (Musicali) 8Ω Impedenza
Prese Video / Audio :	AUDIO MONITOR USCITA Audio(RCA x 2) 500mV rms, 1kΩ INGRESSO AV1 Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms, 10kΩ RGB (21 pin)	Cuffia	8Ω Impedenza
		Accessori :	Telecomando 2 x R6 (UM3) Batterie
		Dimensioni :	Altezza : 596.5mm {550mm} Larghezza : 778mm {730mm} Profondità : 481.5mm {479mm}
		Peso netto :	35Kg {30kg}
		Le caratteristiche possono variare senza preavviso. Peso e dimensioni sono approssimate.	
		NOTA : Questo manuale di servizio deve essere usato in congiunzione con la guida tecnica del telaio EURO-3.	

Indice

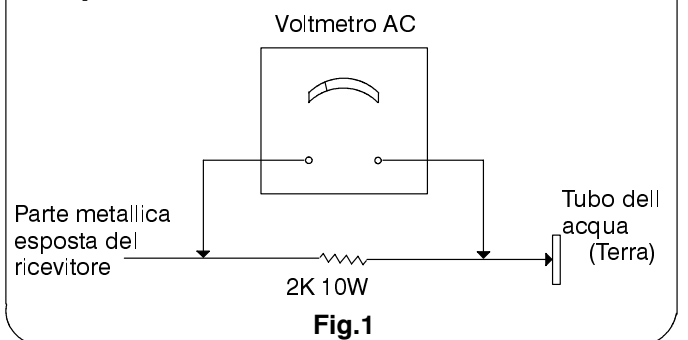
- Norme Di Sicurezza
- Consigli Per L'assistenza
- Service Mode
- Procedura di Taratura
- Self Check
- Valori di allineamento
- Forma D' onda
- Schema a blocchi
- Ubicazioni Del Componenti
- Elenco Parti Di Ricambio
- Vista Lato Componenti
- Schema Elettrico

Norme di sicurezza

Precauzioni

1. E' Consigliabile utilizzare un trasformatore di isolamento prima di eseguire ogni intervento sul telaio.
2. Durante l'assistenza, verificare lo stato dei conduttori specialmente nei circuiti ad alta tensione. In caso di corto circuito, sostituire tutti le parti surriscaldate o danneggiate.
3. Dopo l'assistenza, assicurarsi che tutti gli accorgimenti di protezione (isolatori, schermi, isolatore R-C, ecc) siano correttamente installati.
4. Quando il televisore non viene utilizzato per lunghi periodi, scollegarlo della rete.
5. Alta tensione 29.5kV è presente quando il televisore è in funzione. Utilizzare il televisore senza il pannello posteriore comporta il pericolo di scosse elettriche dai circuiti di alimentazione. L'assistenza deve essere eseguita solo da personale specializzato a conoscenza delle necessarie precauzioni da adottare. Prima di intervenire sul cinescopio, scaricare a massa l'anodo dello stesso.
6. Dopo l'assistenza assicurarsi di eseguire le seguenti prove di dispersione per prevenire rischi di scossa elettrica all'utente.
3. Utilizzare un voltmetro AC con sensibilità 1000Ω/Volt o più per misurare il potenziale ai capi della resistenza.
4. Verificare ogni parte metallica esterna misurando la tensione ogni volta.
5. Invertire la presa AC di alimentazione e ripetere le misure precedenti.
6. Il potenziale in ogni punto non deve superare 1.4V RMS; in caso superi questo valore, c'è pericolo di scossa elettrica e il televisore deve essere riparato e controllata prima di essere riconsegnato al proprietario.

Esempio di collegamento per la dispersione a caldo



Controllo a freddo di dispersione

1. Disinserire il cavo di alimentazione e cortocircuitare i due terminali
2. Azionare l'interruttore di accensione.
3. Collegare uno strumento per la misure di resistenza con segur: un puntale sulla spina del cavo di alimentazione e l'altro sul telaio del televisore o su una parte metallica (ad esempio viti) collegate telaio. Se la parte metallica ha un collegamento col telaio la lettura dovrà essere compresa tra i valori 4MΩ e 20MΩ; se la parte metallica non ha un collegamento con il telaio la lettura dovrà essere.

Controllo a caldo di dispersione

1. Inserire la spina nella presa di corrente. Non usare un trasformatore di isolamento per questo controllo.
2. Collagare una resistenza da 2KΩ 10W in serie con una parte metallica esterna del televisore e con un punto di terra (esempio: tubi dell'acqua).

Radiazioni raggi X

Precauzioni :

1. La sezione ad alta tensione e il cinescopio sono sorgenti di raggi X.
2. In caso di utilizzo di una sonda per alta tensione, assicurarsi che la stessa sopporti 29.5kV senza pericolo di emissione di raggi.

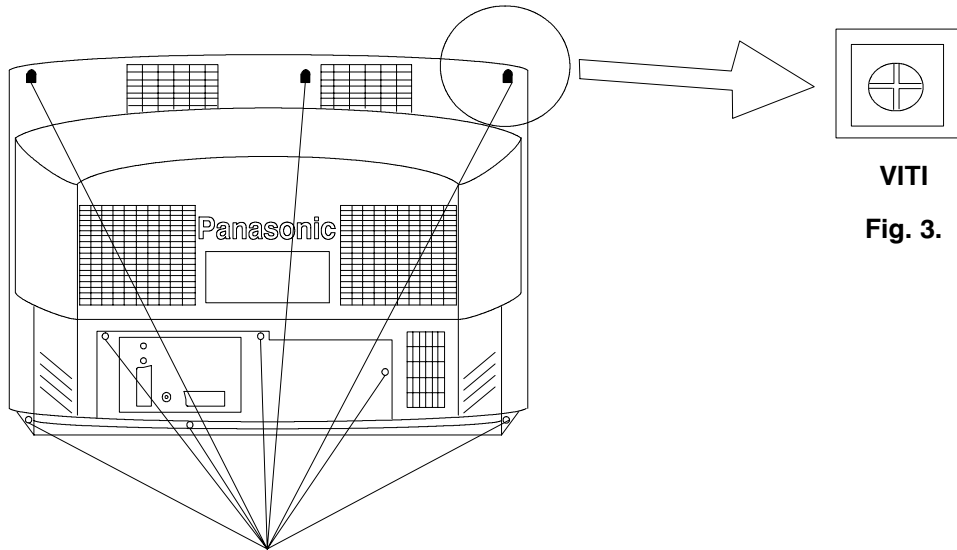
NOTA : E' importante verificare periodicamente la funzionalità del misuratore di tensione.

1. Regolare la luminosità al minimo.
2. Misurare l'alta tensione. La lettura dovrà essere 28.5kV ±1kV, (se è necessario un immediato intervento tecnico per prevenire danni).
3. Per prevenire la possibilità di emissione di raggi X, è indispensabile utilizzare il cinescopio specificato.

Consigli per l'assistenza

Come rimuovere il pannello posteriore

1. Rimuovere le 9 viti (A) come indicato in Fig.2./Fig.3.



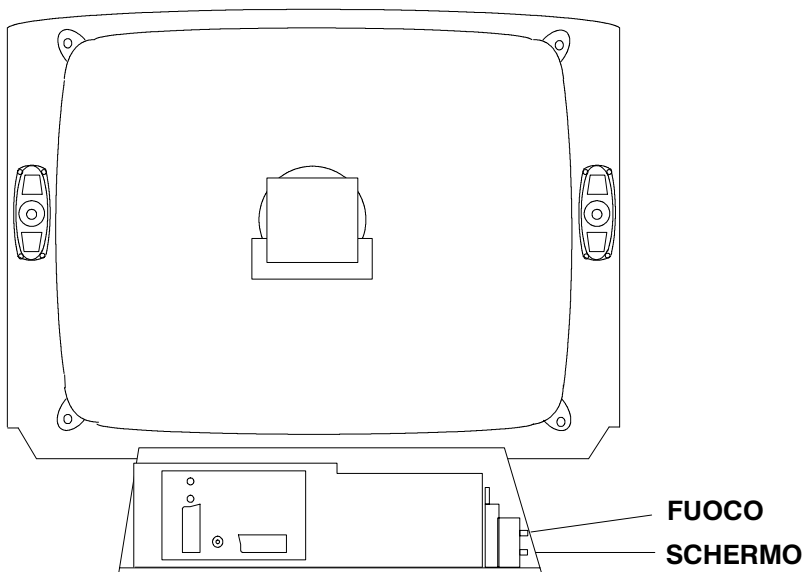
VITI (A)

Fig. 2.

VITI

Fig. 3.

Ubicazione dei Controlli



E P.C.B.

Fig. 4.

FUOCO

SCHERMO

Service Mode

Il telecomando serve anche per impostare e memorizzare le regolazioni con l'eccezione della regolazione di cut-off che deve essere sempre fatta precedentemente alle regolazioni di servizio.

Eseguire le regolazioni in accordo con il display sullo schermo. Il display sullo schermo mostra le variazioni approssimative della CCU.

1. Regolare i toni bassi nella massima posizione, regolare i toni alti nella minima posizione, premere il tasto volume meno sulla tastiera del TV, e nello stesso tempo premere il tasto "REVEAL" sul telecomando. Questo predisporrà il TV nel "SERVICE MODE 1"
2. Premere i tasti ROSSO o VERDE per selezionare le Funzioni.
3. Premere i tasti GIALLO o BLU per modificare i valori
4. Premere il tasto "STR" sulla tastiera del TV per memorizzare la regolazione eseguita.
5. Per uscire dal service mode occorre premere il tasto "N" sul telecomando.

NOTA: Questo TV ha l'opzione per utilizzare la "MEMORY PACK", che vi permette di trasferire i canali sintonizzati nel TV e viceversa. La "MEMORY PACK" si può utilizzare solo con il telaio "EURO-3H".

Come usare la memory pack

Procedura da tv a unita' di memoria

1. Inserire l'unita' di memoria nella presa a 21 pin. Inferiore a tergo del TV, ed accendere il TV. Se il televisore e' provvisto di una sola presa a 21 pin., Utilizzare questa presa per l'unita' di memoria.
2. Entrare nel service mode come da spiegazione sopra riportata. Lo schermo visualizzera': -

Program
External > > TV

3. Premere il tasto BLU sul telecomando; lo schermo TV visualizza: -

Program
TV > > External

4. Premere il tasto STORE (archivio) sul TV; lo schermo TV visualizza: -

Storing

5. Tutti i dati di sintonia archiviati nel TV vengono trasferiti nell'unita di memoria. Questa procedura richiede 2-3 minuti, ed al termine lo schermo visualizza: -

OK!

Procedura da unita' di memoria a tv

1. Inserire l'unita' di memoria nella presa a 21 pin. Inferiore a tergo del TV, ed accendere il TV. Se il televisore e' provvisto di una sola presa a 21 pin., Utilizzare questa presa per l'unita' di memoria.
2. Entrare nel service mode come da spiegazione sopra riportata. Lo schermo visualizzera': -

Program
External > > TV

3. Premere il tasto STORE (archivio) sul TV; lo schermo TV visualizza: -

Loading

4. Tutti i dati di sintonia archiviati nell'unita' di memoria vengono copiati nel TV. Questa procedura richiede 2-3 minuti, ed al termine lo schermo visualizza: -

OK!

5. I dati di sintonizzazione prelevati dall'unita' di memoria sono stati copiati nel TV.
6. Per uscire dal service mode occorre premere il tasto "N" sul telecomando.
7. La procedura e' terminata; rimuovere l'unita' di memoria.

ERRORI

Se usando la "MEMORY PACK" avviene un errore il TV lo rilevera' e sullo schermo apparira' la scritta: -

Program
Error!

Se questo succede, spegnere il TV e poi ripetere l'operazione. Se si ripete l'errore controllare i collegamenti e la batteria da 9Volt. Nella "MEMORY PACK".

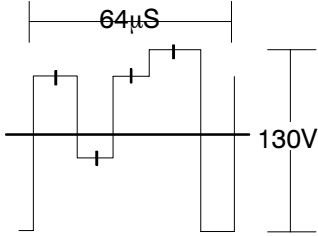
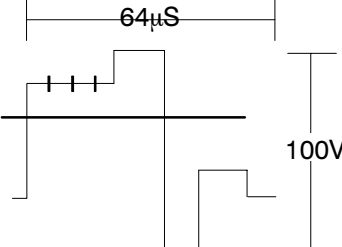
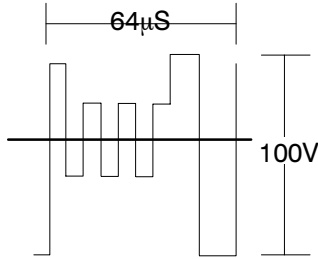
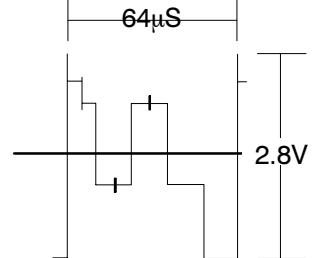
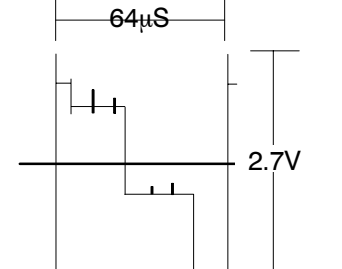
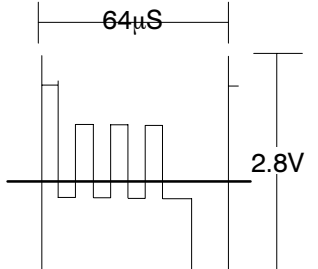
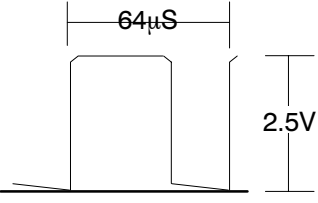
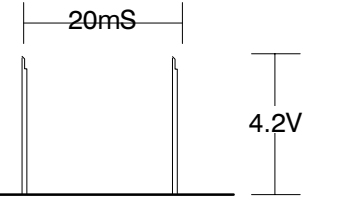
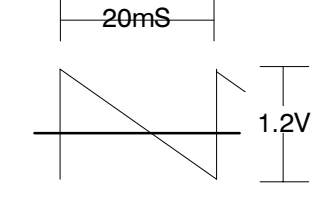
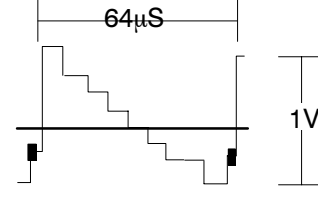
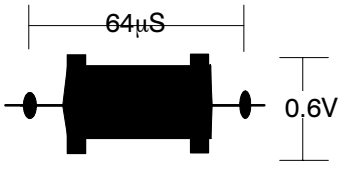
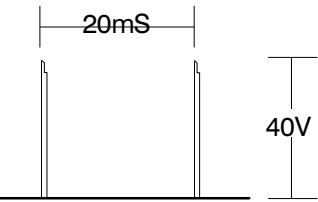
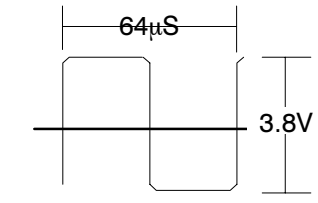
Valori di allineamento, esempi:

N.B. I valori indicati sullo schermo sono approssimative.

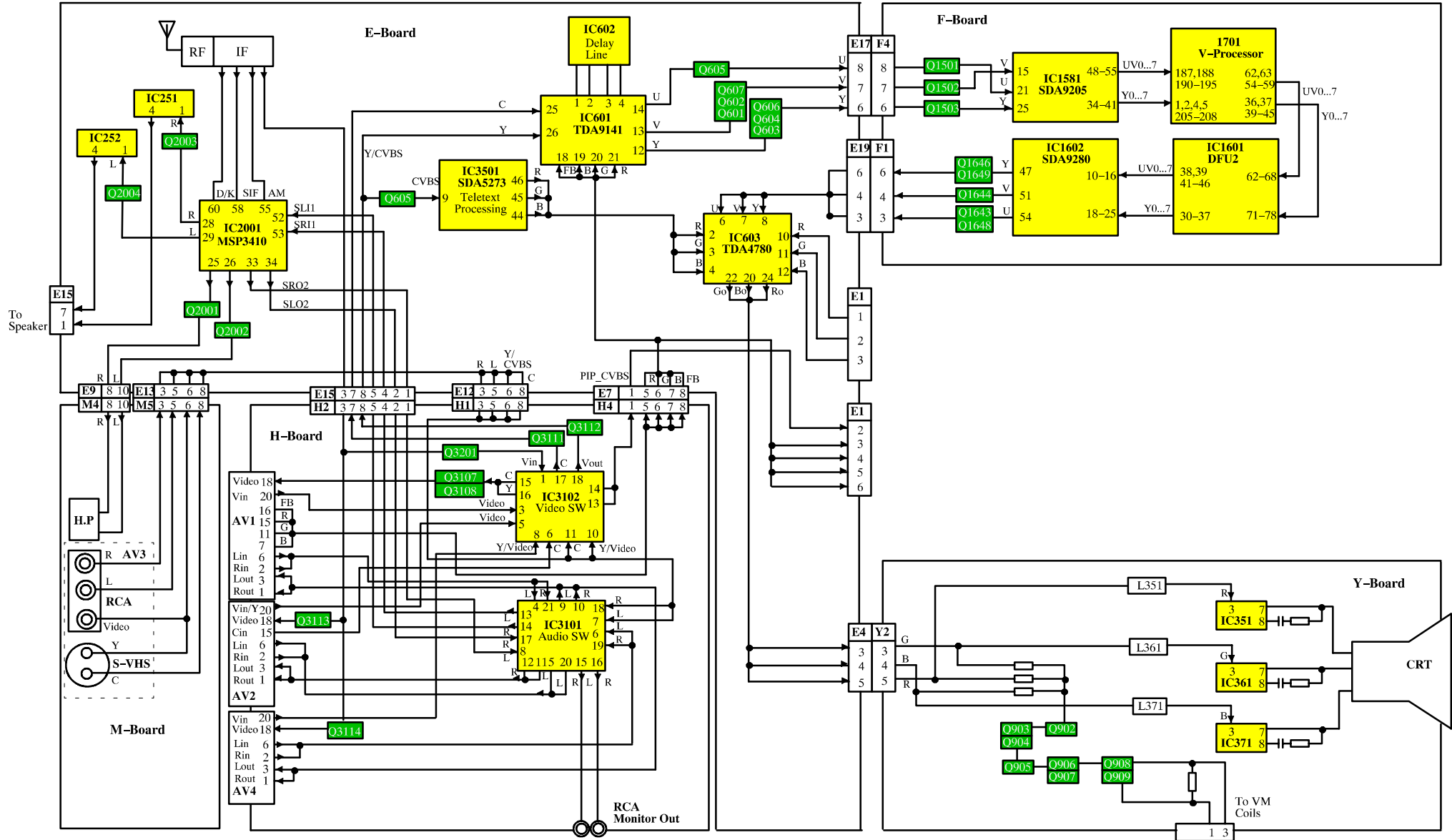
Funzione		Valori di pos.
Ampiezza vert	V-AMP 038	Posizione ottimale
Linearita vert	V-LIN 022	
Posizione verticale	V-POS 005	Posizione ottimale
Ampiezza orrizz	H-AMP 043	Posizione ottimale
posizione orrizz	H-POS 035	
EO-ampiezza	E/W-AMP 1 020	Posizione ottimale
EO-ampiezza	E/W-AMP 2 015	Posizione ottimale
Correz-trapezoidale	TRAPEZ-1 004	Posizione ottimale
Vert. DC.	VERT. D.C. 008	Non regolare
Text Position	TEXT POSITION 060	Posizione ottimale
Cutoff	- - -	Collegare la dei grigi, entrare nel SERVICE MODE fermandosi alla funzione CUT-OFF, porre la sonda dell'oscilloscopio sul catodo del BLU e regolare il potenziometro dello SCREEN nell'eat per ottenere 150V +/- 5V alla base dell' impulso del cut-off.
Cutoff RVB	CUTOFF RGB 032 032 032	Premere il tasto Verde per passare ad altre regolazioni. Regolare per la posizione ottimale.
White RVB	WHITE RGB 032 032 032	Premere il tasto Verde per passare ad altre regolazioni. Regolare per la posizione ottimale.
Sub Brightness	SUB BRIGHT 000	Posizione ottimale

FORMA D' ONDA

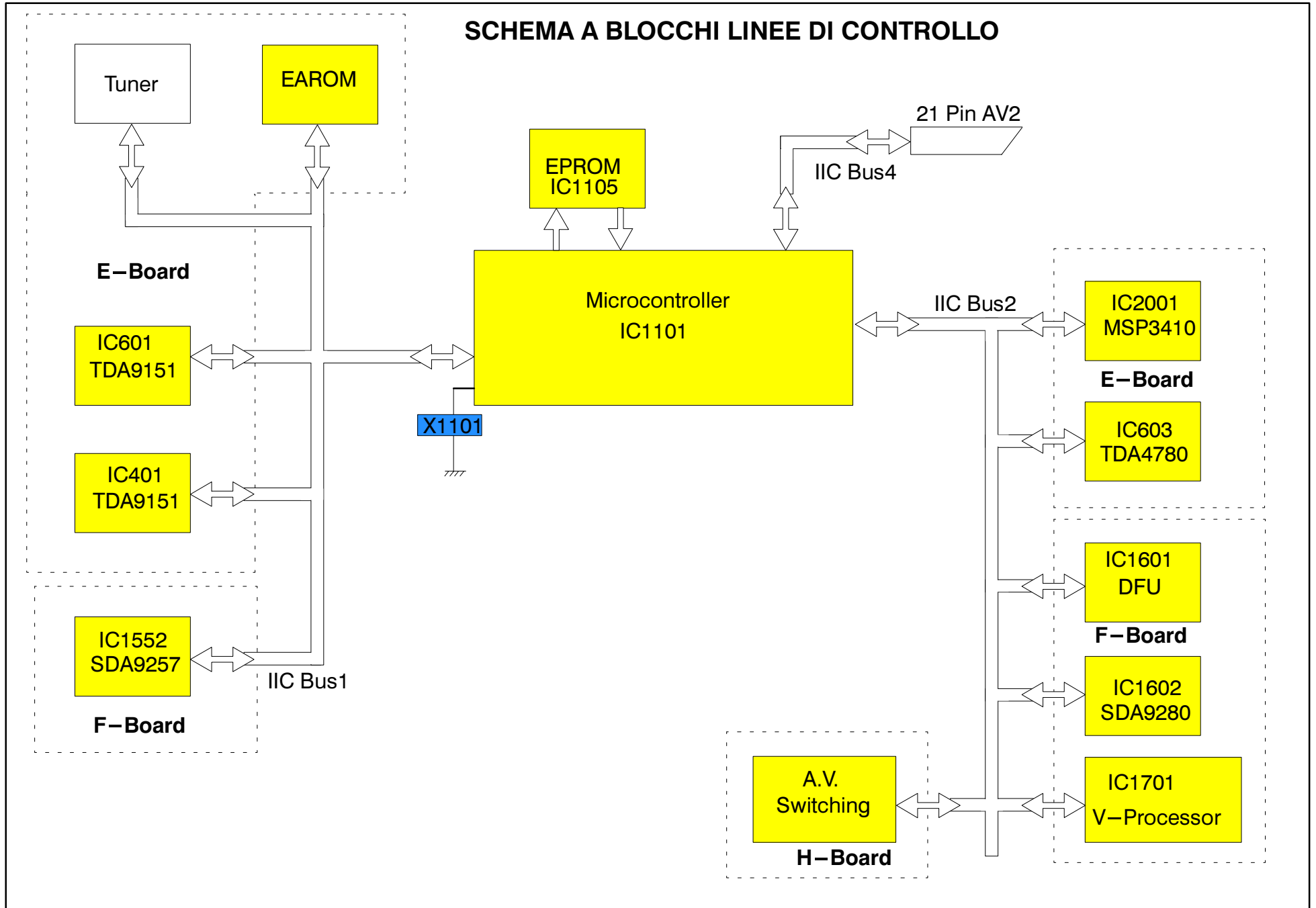
NOTA: Tutte le forme d'onda sono state prese usando un segnale a barre colori standard.

<p>RED DRIVE TPY1</p> 	<p>GREEN DRIVE TPY2</p> 	<p>BLUE DRIVE TPY3</p> 
<p>RED OUTPUT IC 603 PIN 24</p> 	<p>GREEN OUTPUT IC 603 PIN 22</p> 	<p>BLUE OUTPUT IC 603 PIN 20</p> 
<p>HORIZONTAL SYNC IC 3501 PIN 4</p> 	<p>VERTICAL SYNC IC 3501 PIN 3</p> 	<p>VERT OUTPUT IC (INPUT) IC 451 PIN 1</p> 
<p>LUMINANCE IN IC601 PIN 26</p> 	<p>CHROMINANCE IN IC601 PIN 25</p> 	<p>VERTICAL OUTPUT (DRIVE) IC 451 PIN 9</p> 
<p>HORIZONTAL OUTPUT IC401 PIN 20</p> 		

SCHEMA A BLOCCHI SIGNALI VIDEO / AUDIO



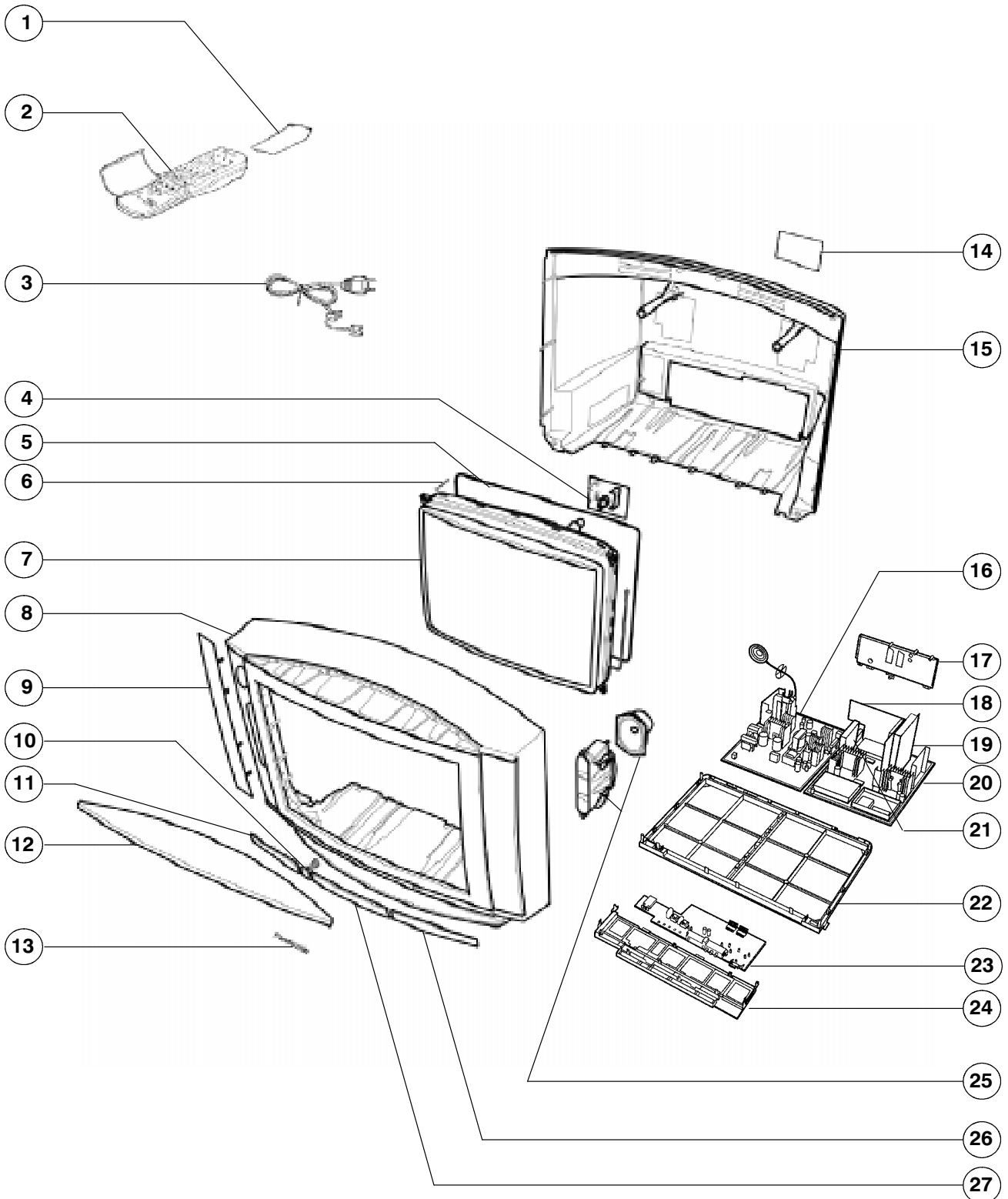
SCHEMA A BLOCCHI LINEE DI CONTROLLO



UBICAZIONI DEI COMPONENTI

Nota :

In questa pagina i numeri all' interno di un cerchio corrispondono ai numeri riportanti nell' elenco parti di ricambio.



UBICAZIONI DEI COMPONENTI

Nota: Componenti contrassegnati Δ sono di sicurezza e devono essere sostituiti solo con quelli specificati.

Ref No.	Part No.	Description			
MISCELLANEOUS COMPONENTS					
1)	UR51EC780	BATTERY COVER (REMOTE)			
2)	EUR51923	REMOTE CONTROL			
3)	TSX8E022	POWER CORD	Δ		
4)	*****	SEE DIFFERENCE LIST			
5)	*****	SEE DIFFERENCE LIST			
6)	VP17005-32	CRT FIXING SCREW			
7)	*****	SEE DIFFERENCE LIST			
8)	*****	SEE DIFFERENCE LIST			
9)	*****	SEE DIFFERENCE LIST			
10)	*****	SEE DIFFERENCE LIST			
11)	*****	SEE DIFFERENCE LIST			
12)	*****	SEE DIFFERENCE LIST			
13)	TBM8E1728	PANASONIC BADGE			
14)	*****	SEE DIFFERENCE LIST			
15)	*****	SEE DIFFERENCE LIST			
16)	*****	SEE DIFFERENCE LIST			
17)	TKP8E1166	REAR AV COVER			
18)	TNPA0293AB	H P.C.B.	Δ		
19)	TNPA0756AA	F P.C.B.	Δ		
20)	*****	SEE DIFFERENCE LIST			
21)	TNPA0317AB	B P.C.B.	Δ		
22)	TMX8E014	CHASSIS FRAME			
23)	TNPA0766AA	M P.C.B.	Δ		
24)	TMW8E025	CONTROL BRACKET			
25)	EAG1216A2	SPEAKER			
26)	*****	SEE DIFFERENCE LIST			
27)	TKP8E1170	DOOR LID (BLACK)			
	ERC12GK825	SOLID 0.5W 10% 8M2 Ω			
	PCS-068A-1	68 PIN I.C.SOCKET			
	TBM8E1616	PRE-SET LABEL			
	TBM8E1675	REAR AV LABEL			
	TEK6940	LID CATCHER			
	TES8E015	POWER BUTTON SPRING			
	TMW8E020-1	LED HOLDER			
TNR1	ENV57D03G3	TUNER	Δ		
	TMX8E015	PCB SUPPORT BRACKET			
	TQB8E2403A-1	GERMAN INST BOOK	Δ		
	TQB8E2403B	DUTCH INST BOOK	Δ		
	TQB8E2403C	ITALIAN INST BOOK	Δ		
CAPACITORS					
C002	ECUV1H102JCX	S.M.CAP	50V	1nF	
C003	ECA1HM101GB	ELECT	50V	100pF	
C004	ECUV1H102JCX	S.M.CAP	50V	1nF	
C005	ECUV1H102JCX	S.M.CAP	50V	1nF	
C006	ECUV1H102JCX	S.M.CAP	50V	1nF	
C007	ECUV1H102JCX	S.M.CAP	50V	1nF	
C009	ECA1HMR22GB	ELECT	50V	0.22 μ F	
C010	ECUV1H102KBX	S.M.CAP	50V	1nF	
C014	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C015	ECUV1H390JCX	S.M.CAP	50V	39pF	
C016	ECUV1H390JCX	S.M.CAP	50V	39pF	
C017	ECA1CM470GB	ELECT	16V	47 μ F	
C019	ECUV1H561JCX	S.M.CAP	50V	560pF	
C020	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C022	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C023	ECUV1H681JCX	S.M.CAP	50V	680pF	
C024	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C025	ECUV1H101JCX	S.M.CAP	50V	100pF	
C026	ECUV1H681JCX	S.M.CAP	50V	680pF	
C101	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C106	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C108	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C109	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C111	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C113	ECUV1H393KBX	S.M.CAP	50V	39nF	
C115	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C116	ECUV1H030CPX	S.M.CAP	50V	30pF	
C117	ECUV1H070DTX	S.M.CAP	50V	70pF	
C118	ECEA1CKA100	ELECT	16V	10 μ F	
C120	ECEA1HKA2R2	ELECT	50V	2.2 μ F	
C121	ECEA1HKA2R2	ELECT	50V	2.2 μ F	
C122	ECUV1C105ZFX	S.M.CAP	16V	1000nF	
C123	ECEA1HKA2R2	ELECT	50V	2.2 μ F	
C124	ECUV1H471JCX	S.M.CAP	50V	470pF	
C125	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C126	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C127	ECEA1CKA100	ELECT	16V	10 μ F	
C128	ECUV1H102KBX	S.M.CAP	50V	1nF	
C129	ECEA1CKA100	ELECT	16V	10 μ F	
C130	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C131	ECUV1H102KBX	S.M.CAP	50V	1nF	
C132	ECUV1H102KBX	S.M.CAP	50V	1nF	
C133	ECUV1H102KBX	S.M.CAP	50V	1nF	
C134	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C135	ECEA1CKA100	ELECT	16V	10 μ F	
C136	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C137	ECUV1H100DCX	S.M.CAP	50V	10pF	
C138	ECUV1H151JCX	S.M.CAP	50V	150pF	
C139	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C140	ECUV1H151JCX	S.M.CAP	50V	150pF	
C142	ECUV1H100DCX	S.M.CAP	50V	10pF	
C143	ECUV1H220JCX	S.M.CAP	50V	22pF	
C144	ECUV1H151JCX	S.M.CAP	50V	150pF	
C145	ECUV1H151JCX	S.M.CAP	50V	150pF	
C146	ECUV1H120JCX	S.M.CAP	50V	12pF	
C148	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C150	ECEA1CKA100	ELECT	16V	10 μ F	
C151	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C152	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C153	ECUV1H120JCX	S.M.CAP	50V	12pF	
C158	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C159	ECUV1H080CCX	S.M.CAP	50V	80pF	
C251	ECQM1H474J	FILM	50V	470nF	
C252	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C254	ECUV1H393KBX	S.M.CAP	50V	39nF	
C255	ECEA1CN100	ELECT	16V	10 μ F	
C256	ECA1HM330B	ELECT	50V	33pF	
C257	ECA1HM100GB	ELECT	50V	10pF	
C258	ECQM1H474J	FILM	50V	470nF	
C259	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C261	ECUV1H393KBX	S.M.CAP	50V	39nF	
C262	ECEA1CN100	ELECT	16V	10 μ F	
C263	ECA1HM330B	ELECT	50V	33pF	
C264	ECA1HM100GB	ELECT	50V	10pF	
C267	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C268	ECUV1H223ZFX	S.M.CAP	50V	22nF	
C269	ECA1EM222GB	ELECT	25V	2.2nF	
C270	ECA1EM222GB	ELECT	25V	2.2nF	
C271	ECA1HM010GB	ELECT	50V	1pF	
C272	ECA1HM010GB	ELECT	50V	1pF	
C273	ECA1HM010GB	ELECT	50V	1pF	
C274	ECA1HM010GB	ELECT	50V	1pF	
C275	ECUV1C184KBX	S.M.CAP	16V	0.18 μ F	
C276	ECUV1C184KBX	S.M.CAP	16V	0.18 μ F	

Ref No.	Part No.	Description				
C277	ECEA1HU471	ELECT	50V	470µF		
C280	ECUV1H562KBX	S.M.CAP	50V	5.6nF		
C281	ECUV1H561JCX	S.M.CAP	50V	560pF		
C282	ECUV1H561JCX	S.M.CAP	50V	560pF		
C283	ECUV1H561JCX	S.M.CAP	50V	560pF		
C352	ECUV1H224ZFX	S.M.CAP	50V	0.22µF		
C353	ECUV1H103KBX	S.M.CAP	50V	10nF		
C354	ECKC2H103J	CERAMIC	50V	10nF		△
C355	ECKC2H102J	CERAMIC	500V	1nF		△
C362	ECUV1H224ZFX	S.M.CAP	50V	0.22µF		
C363	ECUV1H103KBX	S.M.CAP	50V	10nF		
C364	ECKC2H103J	CERAMIC	50V	10nF		△
C365	ECKC2H102J	CERAMIC	500V	1nF		△
C372	ECUV1H224ZFX	S.M.CAP	50V	0.22µF		
C373	ECUV1H103KBX	S.M.CAP	50V	10nF		
C374	ECKC2H103J	CERAMIC	50V	10nF		△
C375	ECKC2H102J	CERAMIC	500V	1nF		△
C381	ECA1HM101GB	ELECT	50V	100pF		
C382	ECA1CM471GB	ELECT	16V	470pF		
C383	ECUV1H103KBX	S.M.CAP	50V	10nF		
C384	ECQM2104KZ	FILM	250V	100nF		
C385	ECEA2EU220	ELECT	250V	22µF		
C386	ECKC3D152J	CERAMIC	2KV	1.5nF		△
C395	ECQM1H104J	FILM	50V	100nF		
C402	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C403	ECA1AM332E	ELECT	10V	3.3nF		
C404	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C405	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C406	ECUV1H471JCX	S.M.CAP	50V	470pF		
C409	ECUV1H101JCX	S.M.CAP	50V	100pF		
C413	ECUV1H561KBX	S.M.CAP	50V	560pF		
C451	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C452	ECA1EM332E	ELECT	25V	3.3nF		
C453	ECEA1HU101	ELECT	50V	100µF		
C455	ECA1HEN100B	ELECT	50V	10pF		
C456	ECQV1104JZ3	FILM	100V	0.1µF		
C457	ECUV1H102JCX	S.M.CAP	50V	1nF		
C462	ECKC3A471J	CERAMIC	1KV	470pF		△
C463	ECUV1H102KBX	S.M.CAP	50V	1nF		
C464	ECKC1H102J	CERAMIC	50V	1000pF		
C501	ECQM1H224J	FILM	50V	220nF		
C502	ECQM2683JZ	FILM	250V	68nF		
C503	ECKC2H102J	CERAMIC	500V	1nF		△
C504	ECQB1H223K	FILM	50V	22nF		
C506	ECKC2H102J	CERAMIC	500V	1nF		△
C552	ECWH15H392J	FILM	3500V	3.9nF		
C553	ECQP1104JZW	FILM	100V	0.10µF		
C555	ECWH15H472J	FILM	1500V	4700µF		
C556	ECEA2CNR47SB	ELECT	160V	R47µF		
C557	ECKC2H331J	CERAMIC	500V	330pF		△
C558	ECA2EM330B	ELECT	250V	33pF		
C559	ECKC2H101J	CERAMIC	500V	100pF		△
C560	ECA1EM332E	ELECT	25V	3.3nF		
C561	ECKC2H561J	CERAMIC	500V	560pF		△
C562	ECA1JM330B	ELECT	63V	33pF		
C563	ECWF2564JKB	FILM	200V	0.56µF		
C564	ECKC1H472J	CERAMIC	50V	4.7nF		
C565	ECQP1823JZW	FILM	100V	82nF		
C571	ECQV1H105JZ	FILM	50V	1µF		
C572	ECWH15H472J	FILM	1500V	4700µF		
C573	ECQF4153JZH	FILM	400V	15nF		
C574	ECWF4684JBB	FILM	400V	0.68µF		
C575	ECWF4684JBB	FILM	400V	0.68µF		
C581	ECQF4123JZH	FILM	400V	12nF		
C584	ECKC3D391J	CERAMIC	2KV	390pF		△
C585	ECKC3A471J	CERAMIC	1KV	470pF		△
C586	ECKC1H103JB	CERAMIC	50V	10nF		
C588	ECKC1H471J	CERAMIC	50V	470pF		
C601	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C602	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C603	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C604	ECUV1H104ZFX	S.M.CAP	50V	100nF		

Ref No.	Part No.	Description				
C605	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C606	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C608	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C609	ECUV1H180JCX	S.M.CAP	50V	18pF		
C610	ECUV1H150JCX	S.M.CAP	50V	15pF		
C611	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C612	ECUV1H332ZFX	S.M.CAP	50V	3.3nF		
C613	ECUV1C474ZFX	S.M.CAP	16V	0.47µF		
C614	ECUV1H332ZFX	S.M.CAP	50V	3.3nF		
C615	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C616	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C617	ECA1CM220GB	ELECT	16V	22µF		
C618	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C619	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C620	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C621	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C622	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C623	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C624	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C625	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C626	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C627	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C628	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C629	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C630	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C631	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C632	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C633	ECUV1H470JCX	S.M.CAP	50V	47pF		
C634	ECA1CM221GB	ELECT	16V	220pF		
C635	ECA1HM220GB	ELECT	50V	22pF		
C636	ECA1HM010GB	ELECT	50V	1pF		
C637	ECQM1H224J	FILM	50V	220nF		
C638	ECA1HM010GB	ELECT	50V	1pF		
C639	ECQM1H224J	FILM	50V	220nF		
C640	ECQM1H224J	FILM	50V	220nF		
C641	ECQM1H224J	FILM	50V	220nF		
C642	ECA1AM470GB	ELECT	10V	47pF		
C643	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C644	ECA1CM470GB	ELECT	16V	47µF		
C645	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C646	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C647	ECEA1CN470	ELECT	16V	47µF		
C648	ECEA1CN470	ELECT	16V	47µF		
C651	ECUV1H820JCX	S.M.CAP	50V	82pF		
C654	ECUV1H393KBX	S.M.CAP	50V	39nF		
C655	ECUV1E563KBX	S.M.CAP	25V	56nF		
C657	ECUV1C474ZFX	S.M.CAP	16V	0.47µF		
C659	ECUV1H821KBX	S.M.CAP	50V	820pF		
C661	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C662	ECUV1H470JCX	S.M.CAP	50V	47pF		
C663	ECUV1H150JCX	S.M.CAP	50V	15pF		
C664	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C703	ECUV1C224KBX	S.M.CAP	16V	220nF		
C752	ECKC2H103J	CERAMIC	50V	10nF		△
C803	ECQE2A474MWB	FILM	100V	0.47µF		
C804	ECQU2A154MN	FILM	250V	150nF		
C806	ECQE6104K	FILM	600V	100nF		△
C807	ECQB1H473K	FILM	50V	47nF		
C808	ECQB1H333J	FILM	50V	33nF		
C810	222233510154	CAPACITOR		0.15µF		
C811	ECQB1H104J	FILM	50V	100nF		
C812	ECQB1H562K	FILM	50V	5.6nF		
C813	ECKC2H472J	CERAMIC	500V	4.7nF		△
C814	ECKC2H472J	CERAMIC	500V	4.7nF		△
C815	ECA1CM331B	ELECT	16V	330pF		
C816	ECQB1H122J	FILM	50V	1.2nF		
C817	ECKC2H472J	CERAMIC	500V	4.7nF		△
C818	ECKC2H472J	CERAMIC	500V	4.7nF		△
C819	ECOS2GG181NG	ELECT	400V	180µF		△
C820	ECOS2GG181NG	ELECT	400V	180µF		△
C821	ECQB1H222J	FILM	50V	2200pF		
C822	ECKC3D471JB	CERAMIC	2KV	470pF		△

Ref No.	Part No.	Description			
C824	ECQB1H121KF3	FILM	50V	120pF	
C826	ECQB1H473K	FILM	50V	47nF	
C827	ECKCNS332J	CERAMIC	1.2KV	3.3nF	△
C830	ECQE4105JFW	FILM	400V	1.0μF	
C831	ECKC3D471JB	CERAMIC	2KV	470pF	△
C833	ECQB1H682K	FILM	50V	6.8nF	
C835	ECQB1H332K	FILM	50V	3.3nF	
C848	ECKC2H471J	CERAMIC	500V	470pF	△
C849	ECKC2H471J	CERAMIC	500V	470pF	△
C851	ECQM1H104J	FILM	50V	100nF	
C852	ECKC3D222JB	CERAMIC	2KV	2200pF	△
C853	ECA1CM471GB	ELECT	16V	470pF	
C854	ECA1EM471GB	ELECT	25V	470pF	
C855	ECEA1HU102	ELECT	50V	1000μF	
C856	ECEA1HU471	ELECT	50V	470μF	
C857	ECA1EM471GB	ELECT	25V	470pF	
C858	ECOS2EA271BB	ELECT	250V	270pF	
C859	ECKC2H471J	CERAMIC	500V	470pF	△
C861	ECOS2EA221AB	ELECT	250V	220μF	
C863	ECA1EM222GB	ELECT	25V	2.2nF	
C864	ECA0JM102GB	ELECT	6.3V	1nF	
C866	ECA1HM101GB	ELECT	25V	100pF	
C867	ECA1CM222GB	ELECT	16V	2200μF	
C868	ECA1CM100GB	ELECT	16V	10pF	
C871	ECA0JM102GB	ELECT	6.3V	1nF	
C872	ECA1CM222GB	ELECT	16V	2200μF	
C874	ECKC1H102J	CERAMIC	50V	1000pF	
C901	ECUV1H030CCX	S.M.CAP	50V	30pF	
C902	ECA1VM101GB	ELECT	35V	100pF	
C903	ECKC1H103JB	CERAMIC	50V	10nF	
C904	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C905	ECA1CM100GB	ELECT	16V	10pF	
C906	ECUV1H102KBX	S.M.CAP	50V	1nF	
C908	ECUV1H151JCX	S.M.CAP	50V	150pF	
C909	ECKC2H472J	CERAMIC	500V	4.7nF	△
C910	ECKC2H472J	CERAMIC	500V	4.7nF	△
C911	ECUV1H151JCX	S.M.CAP	50V	150pF	
C912	ECEA2EU220	ELECT	250V	22μF	
C913	ECA1HM101GB	ELECT	50V	100pF	
C914	ECA1HM101GB	ELECT	50V	100pF	
C915	ECA1CM471GB	ELECT	16V	470pF	
C916	ECEA2EU220	ELECT	250V	22μF	
C917	ECA1HM100GB	ELECT	50V	10pF	
C918	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C919	ECCR2H680J	CERAMIC	500V	68pF	
C1051	ECKC1H101J	CERAMIC	50V	100pF	
C1052	ECA1VM470B	ELECT	35V	47pF	
C1053	ECKC1H103JB	CERAMIC	50V	10nF	
C1102	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1103	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1104	ECA0JM101G	ELECT	6.3V	100pF	
C1105	ECUV1H330JCX	S.M.CAP	50V	33pF	
C1106	ECUV1H330JCX	S.M.CAP	50V	33pF	
C1107	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1108	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1109	ECUV1H472KBX	S.M.CAP	50V	4.7nF	
C1110	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1111	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1112	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1114	ECUV1H102JCX	S.M.CAP	50V	1nF	
C1115	ECUV1H102JCX	S.M.CAP	50V	1nF	
C1126	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1127	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1129	ECA1AM470GB	ELECT	10V	47pF	
C1130	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1131	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1133	ECUV1C184KBX	S.M.CAP	16V	0.18μF	
C1134	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1135	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1136	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1137	ECUV1H102KBX	S.M.CAP	50V	1nF	
C1138	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1304	ECUV1H103ZFX	S.M.CAP	50V	10nF	

Ref No.	Part No.	Description			
C1305	ECA1HM101GB	ELECT	50V	100pF	
C1317	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1321	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1322	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1327	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1508	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1509	ECA1VM470B	ELECT	35V	47pF	
C1518	ECA1HM101GB	ELECT	50V	100pF	
C1519	ECA1HM101GB	ELECT	50V	100pF	
C1520	ECA1HM101GB	ELECT	50V	100pF	
C1524	ERJ6GEY0R00	S.M.CARB	0.1W	5%	Ω
C1525	ECUV1H221JCX	S.M.CAP	50V	220pF	
C1529	ERJ6GEY0R00	S.M.CARB	0.1W	5%	Ω
C1531	ECUV1H221JCX	S.M.CAP	50V	220pF	
C1532	ECUV1H680JCX	S.M.CAP	50V	68pF	
C1533	ECUV1H560JCX	S.M.CAP	50V	56pF	
C1534	ECUV1H271JCX	S.M.CAP	50V	270pF	
C1537	ECA0JM102GB	ELECT	6.3V	1nF	
C1538	ECUV1H151JCX	S.M.CAP	50V	150pF	
C1539	ECUV1H152JCX	S.M.CAP	50V	1.5pF	
C1540	ECUV1H151JCX	S.M.CAP	50V	150pF	
C1541	ECUV1H152JCX	S.M.CAP	50V	1.5pF	
C1542	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1543	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1552	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1553	ECUV1H270JCX	S.M.CAP	50V	27pF	
C1554	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1555	ECA0JM331GB	ELECT	6.3V	330pF	
C1556	ECUV1H270JCX	S.M.CAP	50V	27pF	
C1557	ECUV1H270JCX	S.M.CAP	50V	27pF	
C1558	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1559	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1560	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1561	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1562	ECA0JM331GB	ELECT	6.3V	330pF	
C1564	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1575	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1576	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1577	ECA1HM101GB	ELECT	50V	100pF	
C1579	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1580	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1583	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1584	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1585	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1586	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1588	ECA1VM470B	ELECT	35V	47pF	
C1590	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1591	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1592	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1593	ECA1HM101GB	ELECT	50V	100pF	
C1594	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1595	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1596	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1599	ECA1HM101GB	ELECT	50V	100pF	
C1601	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1602	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1603	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1604	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1605	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1606	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1607	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1608	ECA1HM101GB	ELECT	50V	100pF	
C1610	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1611	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1612	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1613	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1614	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1616	ECUV1H152JCX	S.M.CAP	50V	1.5pF	
C1617	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1618	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1619	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1620	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1621	ECA1HM101GB	ELECT	50V	100pF	

Ref No.	Part No.	Description		
C1622	ECUV1H104ZFX	S.M.CAP	50V	100nF
C1625	ECEA1CN470	ELECT	16V	47µF
C1626	ECUV1H100DCX	S.M.CAP	50V	10pF
C1627	ECUV1H330JCX	S.M.CAP	50V	33pF
C1628	ECUV1H271JCX	S.M.CAP	50V	270pF
C1629	ECUV1H100DCX	S.M.CAP	50V	10pF
C1630	ECUV1H330JCX	S.M.CAP	50V	33pF
C1631	ECUV1H271JCX	S.M.CAP	50V	270pF
C1632	ECUV1H020CCX	S.M.CAP	50V	2pF
C1633	ECUV1H050DCX	S.M.CAP	50V	5pF
C1634	ECUV1H470JCX	S.M.CAP	50V	47pF
C1641	ECA1VM470B	ELECT	35V	47pF
C1642	ECUV1H104ZFX	S.M.CAP	50V	100nF
C1671	ECUV1H330JCX	S.M.CAP	50V	33pF
C1701	ECUV1H104ZFX	S.M.CAP	50V	100nF
C1702	ECUV1H104ZFX	S.M.CAP	50V	100nF
C1703	ECUV1H103ZFX	S.M.CAP	50V	10nF
C1704	ECUV1H104ZFX	S.M.CAP	50V	100nF
C1705	ECA1HM101GB	ELECT	50V	100pF
C1706	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2001	ECA1CM100GB	ELECT	16V	10pF
C2002	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2003	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2004	ECUV1H102JCX	S.M.CAP	50V	1nF
C2005	ECUV1H391JCX	S.M.CAP	50V	390pF
C2006	ECUV1H391JCX	S.M.CAP	50V	390pF
C2007	ECUV1H102JCX	S.M.CAP	50V	1nF
C2008	ECUV1H102JCX	S.M.CAP	50V	1nF
C2009	ECUV1H102JCX	S.M.CAP	50V	1nF
C2010	ECUV1H102JCX	S.M.CAP	50V	1nF
C2011	ECUV1H102JCX	S.M.CAP	50V	1nF
C2012	ECUV1H102JCX	S.M.CAP	50V	1nF
C2014	ECQM1H334J	FILM	50V	330nF
C2017	ECA1CM100GB	ELECT	16V	10pF
C2018	ECA1CM100GB	ELECT	16V	10pF
C2019	ECA1HM101GB	ELECT	50V	100pF
C2020	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2021	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2022	ECA1HM3R3GB	ELECT	50V	3.3µF
C2023	ECUV1H471JCX	S.M.CAP	50V	470pF
C2024	ECUV1H471JCX	S.M.CAP	50V	470pF
C2025	ECUV1H221JCX	S.M.CAP	50V	220pF
C2026	ECUV1H221JCX	S.M.CAP	50V	220pF
C2027	ECUV1H221JCX	S.M.CAP	50V	220pF
C2028	ECUV1H221JCX	S.M.CAP	50V	220pF
C2029	ECUV1H221JCX	S.M.CAP	50V	220pF
C2030	ECUV1H221JCX	S.M.CAP	50V	220pF
C2031	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2032	ECA1CM100GB	ELECT	16V	10pF
C2034	ECUV1H070DCX	S.M.CAP	50V	7pF
C2035	ECUV1H560JCX	S.M.CAP	50V	56pF
C2036	ECUV1H100DCX	S.M.CAP	50V	10pF
C2037	ECUV1H220JCX	S.M.CAP	50V	22pF
C2039	ECUV1H070DCX	S.M.CAP	50V	7pF
C2040	ECUV1H560JCX	S.M.CAP	50V	56pF
C2041	ECUV1H560JCX	S.M.CAP	50V	56pF
C2042	ECUV1H104ZFX	S.M.CAP	50V	100nF
C2043	ECA1CM100GB	ELECT	16V	10pF
C2044	ECUV1H010CCX	S.M.CAP	50V	1pF
C2045	ECUV1H010CCX	S.M.CAP	50V	1pF
C2050	ECUV1H223ZFX	S.M.CAP	50V	22nF
C2051	ECUV1H223ZFX	S.M.CAP	50V	22nF
C2052	ECUV1H103ZFX	S.M.CAP	50V	10nF
C2053	ECUV1H103ZFX	S.M.CAP	50V	10nF
C2054	ECA1CM331B	ELECT	16V	330pF
C2055	ECA1CM331B	ELECT	16V	330pF
C2058	ECUV1H683ZFX	S.M.CAP	50V	68nF
C2059	ECUV1H102KBX	S.M.CAP	50V	1nF
C2060	ECUV1H102KBX	S.M.CAP	50V	1nF
C2351	ECA1CM471GB	ELECT	16V	470pF
C2352	ECA1CM471GB	ELECT	16V	470pF
C2353	ECA1HM4R7GB	ELECT	50V	4.7µF
C2354	ECKC1H103JB	CERAMIC	50V	10nF

Ref No.	Part No.	Description			
C2355	ECA1HMR33GB	ELECT	50V	0.33µF	
C2356	ECKC1H103JB	CERAMIC	50V	10nF	
C2360	ECKC1H103JB	CERAMIC	50V	10nF	
C2361	ECA1CM471GB	ELECT	16V	470pF	
C2362	ECA1CM471GB	ELECT	16V	470pF	
C2363	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2364	ECKC1H103JB	CERAMIC	50V	10nF	
C2365	ECA1HMR33GB	ELECT	50V	0.33µF	
C2366	ECKC1H103JB	CERAMIC	50V	10nF	
C3001	ECKC1H561J	CERAMIC	50V	560pF	
C3002	ECKC1H561J	CERAMIC	50V	560pF	
C3005	ECKC1H151J	CERAMIC	50V	150pF	
C3101	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3102	ECA1HM470GB	ELECT	50V	47µF	
C3103	ECA1CM470GB	ELECT	16V	47µF	
C3107	ECA1HM470GB	ELECT	50V	47µF	
C3108	ECA1CM470GB	ELECT	16V	47µF	
C3111	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3113	ECA1HM470GB	ELECT	50V	47µF	
C3114	ECA1CM470GB	ELECT	16V	47µF	
C3115	ECEA1HNR47UB	ELECT	50V	0.47µF	
C3117	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3119	ECA1HM470GB	ELECT	50V	47µF	
C3120	ECA1CM470GB	ELECT	16V	47µF	
C3123	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3126	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3128	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3130	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3131	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3132	ECA1CM470GB	ELECT	16V	47µF	
C3133	ECA1CM470GB	ELECT	16V	47µF	
C3134	ECA1CM470GB	ELECT	16V	47µF	
C3136	ECA1CM470GB	ELECT	16V	47µF	
C3137	ECA1HM470GB	ELECT	50V	47µF	
C3138	ECA1HM470GB	ELECT	50V	47µF	
C3139	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C3140	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C3143	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3146	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3148	ECA1HM4R7GB	ELECT	50V	4.7µF	
C3149	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3150	ECA1HM4R7GB	ELECT	50V	4.7µF	
C3151	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3154	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3156	ECA1CM470GB	ELECT	16V	47µF	
C3158	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3160	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3162	ECA1CM471GB	ELECT	16V	470pF	
C3163	ECA1HMR47GB	ELECT	50V	0.47µF	
C3165	ECA1HM470GB	ELECT	50V	47µF	
C3169	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3170	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3172	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3173	ECA1HMR47GB	ELECT	50V	0.47µF	
C3174	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3178	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3180	ECA1HMR47GB	ELECT	50V	0.47µF	
C3181	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3182	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3183	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3184	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3185	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3186	ECEA1HNR47UB	ELECT	50V	0.47µF	
C3187	ECA1HM470GB	ELECT	50V	47µF	
C3188	ECEA1CN470	ELECT	16V	47µF	
C3190	ECA1HMR47GB	ELECT	50V	0.47µF	
C3191	ECA1HM470GB	ELECT	50V	47µF	
C3192	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3201	ECA1HM010GB	ELECT	50V	1pF	
C3202	ECUV1H473ZFX	S.M.CAP	50V	47nF	
C3203	ECA1CM100GB	ELECT	16V	10pF	
C3204	ECUV1H473ZFX	S.M.CAP	50V	47nF	
C3351	ECA1HM101GB	ELECT	50V	100pF	

Ref No.	Part No.	Description
C3501	ECUV1H220JCX	S.M.CAP 50V 22pF
C3502	ECUV1H220JCX	S.M.CAP 50V 22pF
C3503	ECEA1HKN010	ELECT 50V 1μF
C3504	ECUV1H224ZFX	S.M.CAP 50V 0.22μF
C3510	ECUV1H103ZFX	S.M.CAP 50V 10nF
C3511	ECA1HM101GB	ELECT 50V 100pF
C3512	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3514	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3515	ECA0JM331GB	ELECT 6.3V 330pF
C3516	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3521	ECA1HM101GB	ELECT 50V 100pF
C3522	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3801	ECA1HM010GB	ELECT 50V 1pF
C3802	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3803	ECA1CM471GB	ELECT 16V 470pF
C3807	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3808	ECUV1H104ZFX	S.M.CAP 50V 100nF
C3809	ECA0JM101G	ELECT 6.3V 100pF
C3810	ECUV1H103KBX	S.M.CAP 50V 10nF
C3812	ECA1CM221GB	ELECT 16V 220pF

DIODES

D001	MA4020	DIODE
D002	MA4020	DIODE
D103	BA582	DIODE
D104	BA582	DIODE
D251	MA165TA5	DIODE 1SS133T-77
D252	MA165TA5	DIODE 1SS133T-77
D253	MA165TA5	DIODE 1SS133T-77
D254	MA165TA5	DIODE 1SS133T-77
D351	ERA15-04V3	COIL
D352	ERA15-04V3	COIL
D361	ERA15-04V3	COIL
D362	ERA15-04V3	COIL
D371	ERA15-04V3	COIL
D372	ERA15-04V3	COIL
D387	MA2160LFS	DIODE
D401	MA165TA5	DIODE 1SS133T-77
D451	MA4056	DIODE
D452	MA2330-ALF	DIODE
D453	TVSEM01ZV0	DIODE
D502	1SS254T-77	DIODE
D503	EU02	DIODE
D504	EU02	DIODE
D531	1SS254T-77	DIODE
D532	1SS254T-77	DIODE
D533	1SS254T-77	DIODE
D551	EU02	DIODE
D556	AU02V0	DIODE
D557	ERC91-02L9	DIODE
D558	AU02V0	DIODE
D559	MTZJT-7736A	DIODE
D560	1SS252T-77	DIODE
D561	1SS254T-77	DIODE
D563	RH3GLF102	DIODE
D571	FMV-3GULF027	DIODE
D574	1SS252T-77	DIODE
D575	1SS252T-77	DIODE
D602	MA165TA5	DIODE 1SS133T-77
D603	MA165TA5	DIODE 1SS133T-77
D604	MA4062	DIODE
D706	MA165TA5	DIODE 1SS133T-77
D707	MA188TA	DIODE
D806	TF361MALF3	DIODE
D807	D6SB80LF-B	DIODE
D808	1SS254T-77	DIODE
D809	ERA22-02V3	DIODE
D810	MA2160LFS	DIODE
D812	MTZJT-775.6B	DIODE
D813	MA700TA5	DIODE
D814	AU01ZV0	DIODE
D815	PC123FY2	DIODE
D817	D5L60F4015	DIODE

Ref No.	Part No.	Description
D818	TMPG10G3	DIODE
D819	ERA81004V3	DIODE
D820	MA4100	DIODE
D821	EU02AV0	DIODE
D822	MTZJT-7718C	DIODE
D845	1SS254T-77	DIODE
D846	TVSS1WBS20	DIODE
D847	ERA15-01V1	DIODE
D848	EU02	DIODE
D849	FMGG26S	DIODE
D850	EU02	DIODE
D851	FMGG2CS	DIODE
D852	MTZJT-779.1C	DIODE
D853	1SS254T-77	DIODE
D854	1SS254T-77	DIODE
D855	D10SC6MRL	DIODE
D857	FML22SLF610	DIODE
D860	1SS254T-77	DIODE
D861	MTZJT-7713B	DIODE
D862	MA4104	DIODE
D901	1SS254T-77	DIODE
D902	1SS254T-77	DIODE
D903	1SS254T-77	DIODE
D1051	SLR56UR3FLF	LED
D1052	AU01V0	DIODE
D1053	AU01V0	DIODE
D1054	AU01V0	DIODE
D1055	AU01V0	DIODE
D1056	AU01V0	DIODE
D1057	AU01V0	DIODE
D1102	MA4051	DIODE
D1107	MTZJT-775.6A	DIODE
D1108	1SS254T-77	DIODE
D1109	1SS254T-77	DIODE
D1113	MA4051	DIODE
D1552	MA151ATX	DIODE
D2005	MA723TA5	DIODE
D2006	MA723TA5	DIODE
D3101	PMLL5242B	DIODE
D3102	PMLL5242B	DIODE
D3103	PMLL5242B	DIODE
D3105	PMLL5242B	DIODE
D3107	PMLL5242B	DIODE
D3109	PMLL5242B	DIODE
D3110	PMLL5242B	DIODE
D3111	PMLL5242B	DIODE
D3112	PMLL5242B	DIODE
D3115	PMLL5242B	DIODE
D3117	PMLL5242B	DIODE
D3120	RLS72TE-11	DIODE OR PMLL4148
D3351	1SS254T-77	DIODE
D3501	MA4030	DIODE
D3801	MA4043	DIODE
D3802	MTZJT-778.2A	DIODE
D3803	ERA81004V3	DIODE
D3805	MA4091	DIODE
D3806	MA165TA5	DIODE 1SS133T-77
D3807	MA165TA5	DIODE 1SS133T-77

FUSES

F532	TR5-T1250	FUSE	▲
F801	XBA2C50TH15	FUSE	
F845	TR5-T2000	FUSE	▲
F846	TR5-T1250	FUSE	▲
F8011	EYF52BC	FUSE HOLDER	
F8012	EYF52BC	FUSE HOLDER	

INTEGRATED CIRCUITS

IC101	TDA9814TV3	VIF
IC1051	RPM-637CBRL	LED RECEIVER
IC1101	SDA30C164-2	MICRO PROCESSOR
IC1102	S-80745AL-Z	RESET
IC1103	MN1280R	RESET

Ref No.	Part No.	Description
IC1551	SN74F04DR	CLOCK
IC1552	SDA9257	CLOCK GENERATOR
IC1581	SDA9205—2GEG	A/D CONVERTER
IC1601	UPD93213GF	DFU
IC1602	SDA9280B22GE	VIDEO PROCESSOR
IC1701	SDA9255GEG	VIDEO PROCESSOR
IC2001	MSP3400CPPC6	AUDIO PROCESSOR
IC251	TDA2030AV	AUDIO AMPLIFIER
IC252	TDA2030AV	AUDIO AMPLIFIER
IC3101	TEA6420	AUDIO SWITCH
IC3102	TEA6415C	VIDEO SWITCH
IC3501	SDA5273S/134	MEGA TEXT
IC3502	M514256B70RS	DRAM
IC351	TDA6111	RGB OUTPUT
IC361	TDA6111	RGB OUTPUT
IC371	TDA6111	RGB OUTPUT
IC3801	AN7808LB	8V REGULATOR
IC3803	AN7805LB	5V REGULATOR
IC3804	AN7809FLB	9V REGULATOR
IC3805	AN78L08TA	8V REGULATOR
IC401	TDA9151—B	DEFLECTION CONTROL
IC451	TDA8350Q/N5	VERTICAL OUTPUT
IC601	TDA9143—N1	COLOUR DECODER
IC602	TDA4665—V4	DELAY LINE
IC845	SE140N	ERROR AMPLIFIER
IC851	TL431ACLPM	COIL
IC852	TL431ACLPM	COIL

TERMINALS AND LINKS

JA2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA5	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA6	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA9	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JK3001	TJBA039	A/V	TERMINAL		
JSB3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE010	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE011	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE012	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE015	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE022	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE023	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE024	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE025	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE028	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE03	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE042	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE050	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE056	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE057	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE058	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE062	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE064	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE066	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE07	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE09	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF001	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF002	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF003	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF004	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF005	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF006	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF008	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF011	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF012	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF014	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF015	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF026	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF036	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF039	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSF040	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω

Ref No.	Part No.	Description
JSF041	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF042	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF044	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF045	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF046	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF048	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF049	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF050	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF051	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF055	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF056	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF057	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF064	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF066	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF072	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF073	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF075	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF076	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF077	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF080	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF081	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF086	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF087	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF088	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF089	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF090	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF091	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH004	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH005	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH01	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH010	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH02	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω

COILS

LC1507	EXCEMT103DTM	COIL
LC1508	EXCEMT103DTM	COIL
LC1509	EXCEMT103DTM	COIL
LC1510	EXCEMT103DTM	COIL
LC1610	ELKTR560BA	DELAY LINE
L002	TLT047K991R	COIL
L004	TLT047K991R	COIL
L005	TLT047K991R	COIL
L102	TLT056K991R	COIL
L103	EQV7EN203B	COIL
L105	ELESNR22MA	COIL
L107	ELESNR22MA	COIL
L108	ELESNR22MA	COIL
L109	EIL7EN015Q	COIL
L110	EQL7EN022Q	COIL
L113	EIL7EN015Q	COIL
L252	EXCELSA35T	COIL
L253	EXCELSA35T	COIL
L254	EXCELSA35T	COIL
L255	EXCELSA35T	COIL
L351	SDL5000	DELAY LINE
L352	EXCELDR25V	COIL
L353	TLT150K991R	COIL
L361	SDL5000	DELAY LINE
L362	EXCELDR25V	COIL
L363	TLT150K991R	COIL
L371	SDL5000	DELAY LINE
L372	EXCELDR25V	COIL
L373	TLT150K991R	COIL
L381	TLT220K991R	COIL
L401	EXCELDR35V	COIL
L402	EXCELDR35V	COIL
L451	EXCELDR35V	COIL
L552	EXCELSA35T	COIL
L553	EXCELSA35T	COIL
L554	EXCELDR35V	COIL
L555	ERD25TC0T	CARBON 0.25W 5% 0Ω
L556	EXCELSA24T	COIL
L557	EXCELSA24T	COIL

Ref No.	Part No.	Description			
L571	ELC18B221L	COIL			
L572	ELHKLBO25B	COIL			
L573	ELHKLBO26B	COIL			
L575	ELC18B271E	COIL			
L601	TLT047K991R	COIL			
L602	TLT047K991R	COIL			
L603	TLT047K991R	COIL			
L605	EXCELDLR25V	COIL			
L801	ELF18D424F	COIL			
L802	ELF18D424F	COIL			
L807	ELF18D860D	LINE FILTER			
L808	EXCELSA35T	COIL			
L809	EXCELDLR35C	COIL			
L810	EXCELSA39V	COIL			
L811	EXCELSA39V	COIL			
L812	EXCELDLR35V	COIL			
L813	EXCELDLR35V	COIL			
L817	EXCELDLR35V	COIL			
L845	EXCELSA35T	COIL			
L847	EXCELSA35B	COIL			
L848	EXCELSA35T	COIL			
L850	EXCELSA35T	COIL			
L851	EXCELSA35B	COIL			
L852	EXCELSA35T	COIL			
L853	EXCELSA35T	COIL			
L854	ELEIE150KA	COIL			
L856	EXCELSA35T	COIL			
L861	EXCELSA35T	COIL			
L862	EXCELSA35T	COIL			
L864	EXCELDLR35V	COIL			
L1102	EXCELDLR35V	COIL			
L1103	EXCELDLR35V	COIL			
L1104	EXCELSA35T	COIL			
L1105	ELEXT4R7KA	COIL			
L1302	TLT100K991R	COIL			
L1304	TLT100K991R	COIL			
L1307	ERD25TC0T	CARBON	0.25W	5%	Ω
L1501	EXCELDLR35V	COIL			
L1504	TLT018K991R	COIL			
L1505	ELESN120JA	COIL			
L1506	ELESN120JA	COIL			
L1507	ELESN3R3JA	COIL			
L1552	EXCELDLR35V	COIL			
L1553	EXCELDLR35V	COIL			
L1575	EXCELDLR35V	COIL			
L1576	EXCELDLR35V	COIL			
L1601	EXCELDLR35V	COIL			
L1602	EXCELDLR35V	COIL			
L1603	TLT100K991R	COIL			
L1604	TLT100K991R	COIL			
L1605	TLT100K991R	COIL			
L1606	TLT100K991R	COIL			
L1607	EXCELDLR35V	COIL			
L1621	ELESN3R3JA	COIL			
L1622	ELESN3R3JA	COIL			
L1623	TLT022K991R	COIL			
L1641	EXCELDLR35V	COIL			
L1701	EXCELDLR35V	COIL			
L2001	TLT047K991R	COIL			
L2002	TLT100K991R	COIL			
L2003	EXCELDLR35V	COIL			
L2004	TLT068K991R	COIL			
L2005	TLT068K991R	COIL			
L2351	ELEBR6R8KA	COIL			
L2361	ELEBR6R8KA	COIL			
L3001	ELEBR6R8KA	COIL			
L3002	ELEBR6R8KA	COIL			
L3003	ELEBR47OKA	COIL			
L3107	EXCELDLR35V	COIL			
L3108	EXCELDLR35V	COIL			
L3109	EXCELDLR35V	COIL			
L3110	EXCELDLR35V	COIL			
L3111	EXCELDLR35V	COIL			

Ref No.	Part No.	Description
L3112	EXCELDLR35V	COIL
L3113	EXCELDLR35V	COIL
L3114	EXCELDLR35V	COIL
L3503	EXCELDLR35V	COIL
L3507	EXCELDLR35V	COIL
L3509	EXCELDLR35V	COIL
L3511	TLT100K991R	COIL
TRANSISTORS		
Q008	BC847B	TRANSISTOR OR 2SD601ATX
Q101	BC847B	TRANSISTOR OR 2SD601ATX
Q102	BC847B	TRANSISTOR OR 2SD601ATX
Q103	BC847B	TRANSISTOR OR 2SD601ATX
Q104	BC847B	TRANSISTOR OR 2SD601ATX
Q105	BC847B	TRANSISTOR OR 2SD601ATX
Q106	BF799E6327	CHIPTRANSISTOR
Q107	BC847B	TRANSISTOR OR 2SD601ATX
Q108	BC847B	TRANSISTOR OR 2SD601ATX
Q109	BC860B	TRANSISTOR
Q251	BC847B	TRANSISTOR OR 2SD601ATX
Q252	BC847B	TRANSISTOR OR 2SD601ATX
Q401	BC847B	TRANSISTOR OR 2SD601ATX
Q502	2SC2925STA	TRANSISTOR
Q531	BC547B	TRANSISTOR
Q532	BC547B	TRANSISTOR
Q533	BC547B	TRANSISTOR
Q535	BC547B	TRANSISTOR
Q551	BC547B	TRANSISTOR
Q552	2SC5418001TV	TRANSISTOR
Q553	2SC1473-RN	TRANSISTOR
Q554	2SC1473-RN	TRANSISTOR
Q573	BC557B	TRANSISTOR
Q574	2SD1265AOPLB	TRANSISTOR
Q601	BC847B	TRANSISTOR OR 2SD601ATX
Q602	BC857B	TRANSISTOR OR 2SB709ATX
Q603	BC847B	TRANSISTOR OR 2SD601ATX
Q604	BC857B	TRANSISTOR OR 2SB709ATX
Q605	BC857B	TRANSISTOR OR 2SB709ATX
Q606	BC847B	TRANSISTOR OR 2SD601ATX
Q607	BC847B	TRANSISTOR OR 2SD601ATX
Q608	BC847B	TRANSISTOR OR 2SD601ATX
Q609	BC847B	TRANSISTOR OR 2SD601ATX
Q610	BC847B	TRANSISTOR OR 2SD601ATX
Q611	BC847B	TRANSISTOR OR 2SD601ATX
Q612	BC847B	TRANSISTOR OR 2SD601ATX
Q801	2SK1365LBMAT	TRANSISTOR
Q803	2SD965-R	TRANSISTOR
Q804	2SA719-TA	TRANSISTOR
Q845	2SA684R	TRANSISTOR
Q846	BC547B	TRANSISTOR
Q847	BC557B	TRANSISTOR
Q848	BC547B	TRANSISTOR
Q849	2SA1018QTA	TRANSISTOR
Q850	2SD1474PLB	TRANSISTOR
Q851	BC547B	TRANSISTOR
Q852	BC547B	TRANSISTOR
Q901	BC847B	TRANSISTOR OR 2SD601ATX
Q902	BC847B	TRANSISTOR OR 2SD601ATX
Q903	BC847B	TRANSISTOR OR 2SD601ATX
Q904	BC857B	TRANSISTOR OR 2SB709ATX
Q905	BC847B	TRANSISTOR OR 2SD601ATX
Q906	BC847B	TRANSISTOR OR 2SD601ATX
Q907	BC857B	TRANSISTOR OR 2SB709ATX
Q908	2SA1535ARLB	TRANSISTOR
Q909	2SC3944ARLB	TRANSISTOR
Q1052	BC557B	TRANSISTOR
Q1101	BC847B	TRANSISTOR OR 2SD601ATX
Q1102	BC847B	TRANSISTOR OR 2SD601ATX
Q1103	BC847B	TRANSISTOR OR 2SD601ATX
Q1108	BC847B	TRANSISTOR OR 2SD601ATX
Q1112	2SC3757QRTX	TRANSISTOR
Q1191	BC847B	TRANSISTOR OR 2SD601ATX

Ref No.	Part No.	Description
Q1301	BC847B	TRANSISTOR OR 2SD601ATX
Q1303	BC847B	TRANSISTOR OR 2SD601ATX
Q1501	BC847B	TRANSISTOR OR 2SD601ATX
Q1502	BC847B	TRANSISTOR OR 2SD601ATX
Q1503	BC847B	TRANSISTOR OR 2SD601ATX
Q1505	BC847B	TRANSISTOR OR 2SD601ATX
Q1561	BC847B	TRANSISTOR OR 2SD601ATX
Q1575	BC847B	TRANSISTOR OR 2SD601ATX
Q1635	BC857B	TRANSISTOR OR 2SB709ATX
Q1636	BC857B	TRANSISTOR OR 2SB709ATX
Q1642	BC847B	TRANSISTOR OR 2SD601ATX
Q1643	BC847B	TRANSISTOR OR 2SD601ATX
Q1644	BC857B	TRANSISTOR OR 2SB709ATX
Q1647	BC847B	TRANSISTOR OR 2SD601ATX
Q1648	BC857B	TRANSISTOR OR 2SB709ATX
Q1649	BC857B	TRANSISTOR OR 2SB709ATX
Q1650	BC857B	TRANSISTOR OR 2SB709ATX
Q2001	BC860B	TRANSISTOR
Q2002	BC860B	TRANSISTOR
Q2003	BC860B	TRANSISTOR
Q2004	BC860B	TRANSISTOR
Q2006	BC857B	TRANSISTOR OR 2SB709ATX
Q2007	BC847B	TRANSISTOR OR 2SD601ATX
Q2351	BC547B	TRANSISTOR
Q2352	BC547B	TRANSISTOR
Q2353	BC557B	TRANSISTOR
Q2361	BC547B	TRANSISTOR
Q2362	BC547B	TRANSISTOR
Q2363	BC557B	TRANSISTOR
Q3101	BC847B	TRANSISTOR OR 2SD601ATX
Q3102	BC847B	TRANSISTOR OR 2SD601ATX
Q3105	BC847B	TRANSISTOR OR 2SD601ATX
Q3106	BC847B	TRANSISTOR OR 2SD601ATX
Q3107	BC857B	TRANSISTOR OR 2SB709ATX
Q3108	BC847B	TRANSISTOR OR 2SD601ATX
Q3113	BC847B	TRANSISTOR OR 2SD601ATX
Q3115	BC857B	TRANSISTOR OR 2SB709ATX
Q3201	BC847B	TRANSISTOR OR 2SD601ATX
Q3351	BC847B	TRANSISTOR OR 2SD601ATX
Q3352	BC857B	TRANSISTOR OR 2SB709ATX
Q3501	BC847B	TRANSISTOR OR 2SD601ATX
Q3502	BC847B	TRANSISTOR OR 2SD601ATX
Q3503	2SC3130TX	TRANSISTOR
Q3801	2SD1474PLB	TRANSISTOR

RESISTOR

RL806	TSE1885-1	TRANSISTOR
R003	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R006	ERJ6GEYJ393	S.M.CARB 0.1W 5% 39KΩ
R011	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R012	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R101	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R102	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R103	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R104	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R105	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R106	ERJ6GEYJ680	S.M.CARB 0.1W 5% 68Ω
R107	ERJ6GEYJ123	S.M.CARB 0.1W 5% 12KΩ
R109	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R110	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R111	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R113	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R115	ERJ6GEYJ121	S.M.CARB 0.1W 5% 120Ω
R117	ERJ6GEYJ683	S.M.CARB 0.1W 5% 68KΩ
R118	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R119	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R120	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R121	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R122	EVNDXAA03B24	CONTROL 20KΩ
R123	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R124	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R125	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R126	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ

Ref No.	Part No.	Description
R127	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R128	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R130	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R132	ERJ6GEYJ122	S.M.CARB 0.1W 5% 1K2Ω
R133	ERJ6GEYJ122	S.M.CARB 0.1W 5% 1K2Ω
R134	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R135	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R136	ERJ6GEYJ122	S.M.CARB 0.1W 5% 1K2Ω
R137	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R138	ERJ6GEYJ122	S.M.CARB 0.1W 5% 1K2Ω
R139	ERJ6GEYJ154	S.M.CARB 0.1W 5% 150KΩ
R141	ERJ6GEYJ330	S.M.CARB 0.1W 5% 33Ω
R142	ERJ6GEYJ271	S.M.CARB 0.1W 5% 270Ω
R143	ERJ6GEYJ123	S.M.CARB 0.1W 5% 12KΩ
R144	ERJ6GEYJ152	S.M.CARB 0.1W 5% 1K5Ω
R145	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R146	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R147	ERJ6GEYJ122	S.M.CARB 0.1W 5% 1K2Ω
R148	ERJ6GEYJ183	S.M.CARB 0.1W 5% 18KΩ
R149	ERJ6GEYJ682	S.M.CARB 0.1W 5% 6K8Ω
R150	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R151	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R152	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R154	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R156	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R157	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R159	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R251	ERJ6GEYJ2R2	S.M.CARB 0.125W 5% 2R2Ω
R252	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R253	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R254	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R255	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R256	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R257	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R258	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R259	ERG3SJS120	METAL 3W 5% 12Ω
R260	ERJ6GEYJ2R2	S.M.CARB 0.125W 5% 2R2Ω
R261	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R262	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R263	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R264	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R265	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R266	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R267	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R268	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R269	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R270	ERG3SJS120	METAL 3W 2% 12Ω
R350	ERQ12AJ151P	FUSABLE 12W 5% 150Ω
R351	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R352	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R354	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R355	ERG2FJ823	METAL 2W 5% 82KΩ
R356	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R357	ERJ6GEYJ822	S.M.CARB 0.1W 5% 8K2Ω
R358	ERDS1TJ821	CARBON 0.5W 5% 820Ω
R359	ERJ6GEYJ334	S.M.CARB 0.1W 5% 330KΩ
R360	ERDS1TJ103	CARBON 0.5W 5% 10KΩ
R361	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R362	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R364	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R365	ERG2FJ823	METAL 2W 5% 82KΩ
R366	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R367	ERJ6GEYJ822	S.M.CARB 0.1W 5% 8K2Ω
R368	ERDS1TJ821	CARBON 0.5W 5% 820Ω
R369	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R371	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R372	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R374	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R375	ERG2FJ823	METAL 2W 5% 82KΩ
R376	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R377	ERJ6GEYJ822	S.M.CARB 0.1W 5% 8K2Ω
R378	ERDS1TJ821	CARBON 0.5W 5% 820Ω
R379	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω

Ref No.	Part No.	Description				
R380	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2Ω	
R381	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560Ω	
R383	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6Ω	
R385	ERQ12HKR39	METAL	0.5W	5%	R39Ω	△
R390	ERDS1TJ184	CARBON	0.5W	5%	180K	
R401	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R402	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3Ω	
R403	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω	
R406	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KΩ	
R407	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R408	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R409	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R410	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω	
R411	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KΩ	
R412	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R451	ERJ6GEYJ302	S.M.CARB	0.1W	5%	3K0Ω	
R452	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KΩ	
R453	ERG3FJX820D	METAL	3W	2%	82Ω	△
R454	ERX12SJ1R0	RESISTOR	12W	5%	1R0Ω	
R455	ERX12SJR82P	RESISTOR	12W	5%	R82Ω	
R456	ERQ14AJ220	FUSABLE	14W	5%	22Ω	△
R457	ERDS1TJ223	CARBON	0.5W	5%	22KΩ	
R458	ERG1SJ272	METAL	1W	5%	2.7KΩ	△
R459	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KΩ	
R504	ERD25TJ271	CARBON	0.25W	5%	270Ω	
R505	ERG3SJS330	METAL	3W	2%	33Ω	△
R506	ERDS1TJ152	CARBON	0.5W	5%	1K5Ω	
R507	ERDS1TJ152	CARBON	0.5W	5%	1K5Ω	
R531	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R532	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R533	ERD25TJ683	CARBON	0.25W	5%	68KΩ	
R534	ERD25TJ473	CARBON	0.25W	5%	47KΩ	
R535	ERD25TJ472	CARBON	0.25W	5%	4K7Ω	
R536	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R539	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R540	ERD25TJ183	CARBON	0.25W	5%	18KΩ	
R541	ERD25TJ102	CARBON	0.25W	5%	1KΩ	
R542	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R543	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R547	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R551	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R552	ERD25TJ473	CARBON	0.25W	5%	47KΩ	
R553	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R554	ERX3SJSR27H	RESISTOR	3W	2%	R27Ω	
R555	ERO25CKF2802	METAL	25W	1%	28KΩ	△
R556	ERO50PKF2802	METAL	50W	1%	28KΩ	△
R557	ERO25CKF1073	METAL	25W	1%	107KΩ	△
R559	ERO25CKF1002	METAL	0.25W	1%	10KΩ	△
R560	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R562	ERD25TJ473	CARBON	0.25W	5%	47KΩ	
R564	ERDS1TJ394	CARBON	0.5W	5%	390KΩ	
R565	ERQ14AJW2R2	FUSABLE	14W	2%	2R2Ω	△
R566	ERDS1TJ183	CARBON	0.5W	5%	18KΩ	
R567	ERG2ANJ223	METAL	2W	5%	22KΩ	
R568	ERQ12HJ330	METAL	0.5W	5%	33Ω	△
R569	ERDS1TJ120	CARBON	0.5W	5%	12Ω	
R570	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R571	ERX3FJ2R7H	RESISTOR	3W	5%	2R7Ω	
R572	ERG3FJ821	METAL	3W	5%	820Ω	△
R574	ERG3FJ151	METAL	3W	5%	150Ω	△
R579	ERD25TJ274	CARBON	0.25W	5%	270KΩ	
R580	ERD25TJ563	CARBON	0.25W	5%	56KΩ	
R581	ERD25TJ104	CARBON	0.25W	5%	100KΩ	
R582	ERD25TJ225	CARBON	0.25W	5%	2M2Ω	
R583	ERD25TJ225	CARBON	0.25W	5%	2M2Ω	
R584	ERD25TJ152	CARBON	0.25W	5%	1K5Ω	
R585	ERDS1TJ100	CARBON	0.5W	5%	10Ω	
R587	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R588	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R589	TSF19201	FS LINK				△
R601	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R602	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R603	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	

Ref No.	Part No.	Description				
R604	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω	
R605	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω	
R606	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω	
R609	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R610	ERJ6GEYJ823	S.M.CARB	0.1W	5%	82KΩ	
R612	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω	
R613	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω	
R615	ERJ6GEYJ823	S.M.CARB	0.1W	5%	82KΩ	
R616	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R617	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R618	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω	
R619	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R620	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R621	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R624	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150Ω	
R625	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KΩ	
R626	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R627	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω	
R628	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150Ω	
R629	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R630	ERJ6GEYJ560	S.M.CARB	0.1W	5%	56Ω	
R632	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KΩ	
R633	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R634	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω	
R635	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150Ω	
R636	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R637	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330Ω	
R639	EVNDXAA03B32	CONTROL	300Ω			
R640	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R641	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω	
R642	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270Ω	
R643	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R644	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R645	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270Ω	
R646	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R647	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150Ω	
R648	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R649	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R651	ERJ6GEYJ225	S.M.CARB	0.125W	5%	2.2MΩ	
R652	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R653	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R654	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R655	ERJ6GEYJ243	S.M.CARB	0.125W	5%	24KΩ	
R656	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R657	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R658	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R659	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R660	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R661	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R663	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R664	ERC14GJ206V	SOLID	14W	5%	20MΩ	
R665	ERC14GJ206V	SOLID	14W	5%	20MΩ	
R666	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R667	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R668	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R711	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220KΩ	
R712	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22KΩ	
R714	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8Ω	
R715	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2Ω	
R716	ERJ6GEYOR00	S.M.CARB	0.1W	5%	0Ω	
R717	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R718	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R753	ERD25TJ333	CARBON	0.25W	5%	33KΩ	
R805	232266296706	THERMISTOR				
R807	ERD25TJ104	CARBON	0.25W	5%	100KΩ	
R809	ERF10ZK4R7	WOUND	10W	5%	4R7Ω	△
R810	ERD25TJ223	CARBON	0.25W	5%	22KΩ	
R811	ERD25TJ391	CARBON	0.25W	5%	390Ω	
R812	ERD25TJ681	CARBON	0.25W	5%	680Ω	
R814	ERD25TJ332	CARBON	0.25W	5%	3K3Ω	
R815	ERD25TJ150	CARBON	0.25W	5%	15Ω	
R816	ERDS1TJ470	CARBON	0.5W	5%	47Ω	
R818	ERD25TJ331	CARBON	0.25W	5%	330Ω	

Ref No.	Part No.	Description				
R820	ERG3FJ223	METAL	3W	5%	22KΩ	△
R821	ERG3FJ223	METAL	3W	5%	22KΩ	△
R822	ERD25TJ391	CARBON	0.25W	5%	390Ω	
R823	ERX2SJR22	RESISTOR	2W	5%	R22Ω	
R824	ERX2SJR22	RESISTOR	2W	5%	R22Ω	
R825	ERX2SJR22	RESISTOR	2W	5%	R22Ω	
R827	ERDS1FJ100	CARBON	0.5W	5%	10Ω	
R828	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R829	ERD25TJ471	CARBON	0.25W	5%	470Ω	
R831	ERD75TAJ825	CARBON	0.75W	5%	8M2Ω	△
R832	ERG1SJ331	METAL	1W	5%	330Ω	△
R835	ERD25TJ220	CARBON	0.25W	5%	22Ω	
R836	ERD25TJ100	CARBON	0.25W	5%	10Ω	
R837	ERD25TJ153	CARBON	0.25W	5%	15KΩ	
R838	ERD25TJ102	CARBON	0.25W	5%	1KΩ	
R847	ERQ1CKPR82	METAL	1W	5%	R82Ω	△
R853	ERO25CKF1002	METAL	0.25W	1%	10KΩ	△
R854	ERDS1TJ153	CARBON	0.5W	5%	15KΩ	
R855	ERD25TJ472	CARBON	0.25W	5%	4K7Ω	
R856	ERD25TJ473	CARBON	0.25W	5%	47KΩ	
R858	ERO25CKF1002	METAL	0.25W	1%	10KΩ	△
R862	ERD25TJ472	CARBON	0.25W	5%	4K7Ω	
R863	ERG3FJ680	METAL	3W	5%	68Ω	△
R864	ERDS1TJ103	CARBON	0.5W	5%	10KΩ	
R865	ERG3FJ680	METAL	3W	5%	68Ω	△
R867	ERD25TJ102	CARBON	0.25W	5%	1KΩ	
R870	ERD25TJ101	CARBON	0.25W	5%	100Ω	
R873	ERDS1TJ3R3	CARBON	0.5W	5%	3R3Ω	
R876	ERD25TJ562	CARBON	0.25W	5%	5K6Ω	
R877	ERO25CKF1052	METAL	25W	1%	10KΩ	△
R878	ERO25CKF1002	METAL	0.25W	1%	10KΩ	△
R883	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R885	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R886	ERF10ZK4R7	WOUND	10W	5%	4R7Ω	△
R888	ERDS1TJ393	CARBON	0.5W	5%	39KΩ	
R889	ERD25TJ392	CARBON	0.25W	5%	3K9Ω	
R890	ERX3SJR56	RESISTOR	3W	5%	R56Ω	
R891	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R892	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R897	ERO25CKF1503	METAL	0.25W	1%	15Ω	△
R898	ERO25CKF1002	METAL	0.25W	1%	10KΩ	△
R905	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω	
R906	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KΩ	
R907	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2Ω	
R908	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω	
R909	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R910	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω	
R911	ERD25TJ561	CARBON	0.25W	5%	560Ω	
R913	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ	
R914	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2Ω	
R915	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω	
R916	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330Ω	
R918	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R919	ERQ14AJW390	FUSABLE	14W	2%	39Ω	△
R920	ERQ14AJW390	FUSABLE	14W	2%	39Ω	△
R922	ERD25TJ683	CARBON	0.25W	5%	68KΩ	
R923	ERD25TJ683	CARBON	0.25W	5%	68KΩ	
R924	ERDS1FYJ390	CARBON	0.5W	5%	39Ω	△
R925	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω	
R926	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω	
R927	ERD25TJ122	CARBON	0.25W	5%	1K2Ω	
R928	ERD25TJ2R7	CARBON	0.25W	5%	2R7Ω	
R929	ERDS1FYJ221	CARBON	0.5W	5%	220Ω	
R930	ERD25TJ2R7	CARBON	0.25W	5%	2R7Ω	
R931	ERDS1FYJ390	CARBON	0.5W	5%	39Ω	△
R932	ERDS1FYJ101	CARBON	0.5W	5%	100Ω	△
R933	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22KΩ	
R934	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R935	ERQ14AJW3R9	FUSABLE	14W	2%	3R9Ω	△
R936	ERQ1CJP102	METAL	1W	5%	1KΩ	△
R937	ERQ14AJW100	METAL	0.25W	5%	10Ω	△
R938	ERD25TJ122	CARBON	0.25W	5%	1K2Ω	

Ref No.	Part No.	Description				
R940	ERD25TJ3R3	CARBON	0.25W	5%	3R3Ω	
R941	ERD25TJ3R3	CARBON	0.25W	5%	3R3Ω	
R1054	ERD25TJ101	CARBON	0.25W	5%	100Ω	
R1057	ERD25TJ101	CARBON	0.25W	5%	100Ω	
R1058	ERD25TJ471	CARBON	0.25W	5%	470Ω	
R1059	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R1061	ERD25TJ103	CARBON	0.25W	5%	10KΩ	
R1062	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R1063	ERD25TJ222	CARBON	0.25W	5%	2K2Ω	
R1064	ERD25TJ332	CARBON	0.25W	5%	3K3Ω	
R1065	ERD25TJ512	CARBON	0.25W	5%	5K1Ω	
R1066	ERD25TJ912	CARBON	0.25W	5%	9K1Ω	
R1101	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1102	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1103	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1104	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1105	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1106	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1107	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1108	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1111	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1112	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1113	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1116	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1117	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1118	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1119	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1120	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1121	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1122	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1123	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1124	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1125	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1126	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1127	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1128	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω	
R1129	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω	
R1133	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1134	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1135	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω	
R1136	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω	
R1137	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560Ω	
R1138	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1142	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1145	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1150	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1151	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1152	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1153	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1154	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1156	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8Ω	
R1163	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5Ω	
R1164	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1169	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R1170	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3Ω	
R1171	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8Ω	
R1172	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560Ω	
R1174	ERDS1TJ561	CARBON	0.5W	5%	560Ω	
R1182	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1183	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1184	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω	
R1185	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1186	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1188	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2Ω	
R1190	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω	
R1191	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ	
R1192	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ	
R1193	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R1194	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	
R1301	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω	
R1302	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω	
R1305	ERJ6GEYJ560	S.M.CARB	0.1W	5%	56Ω	
R1306	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω	

Ref No.	Part No.	Description
R1315	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1317	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R1318	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R1319	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R1340	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R1504	ERJ6GEYJ121	S.M.CARB 0.1W 5% 120Ω
R1507	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1508	ERJ6GEYJ121	S.M.CARB 0.1W 5% 120Ω
R1510	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1511	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1513	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1515	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1516	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1517	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1518	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1519	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1520	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1523	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1550	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R1554	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R1555	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R1556	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R1557	ERJ6GEYJ680	S.M.CARB 0.1W 5% 68Ω
R1559	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1560	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1561	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1562	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1564	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1565	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R1566	ERJ6GEYJ392	S.M.CARB 0.1W 5% 3K9Ω
R1567	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R1568	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R1570	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R1572	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R1575	ERJ6GEYJ391	S.M.CARB 0.1W 5% 390Ω
R1576	ERJ6GEYJ821	S.M.CARB 0.1W 5% 820Ω
R1577	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R1578	ERJ6GEYJ100	S.M.CARB 0.1W 5% 10Ω
R1581	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R1582	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R1583	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1584	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1587	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R1605	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1606	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1608	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R1620	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R1621	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1622	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1627	ERJ6GEYJ622	SM.CARB0.125W 5% 6.2KΩ
R1628	ERJ6GEYJ161	SM.CARB0.125W 5% 160Ω
R1629	ERJ6GEYJ201	S.M.CARB 0.1W 5% 200Ω
R1630	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R1631	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R1632	ERJ6GEYJ133	SM.CARB0.125W 5% 13KΩ
R1633	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1634	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R1635	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R1636	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R1637	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1638	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R1639	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1641	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1643	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R1644	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1646	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R1647	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1648	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1649	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1650	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1652	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R1653	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1654	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω

Ref No.	Part No.	Description
R1656	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R1657	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R1658	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R1659	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1662	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1666	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R1667	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1668	ERJ6GEYJ560	S.M.CARB 0.1W 5% 56Ω
R1669	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1670	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1671	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R1672	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1673	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1674	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R1679	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R1680	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R1681	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R1682	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1683	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R1688	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R1701	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R1702	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R1703	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R2001	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R2004	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R2005	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R2006	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R2007	ERJ6GEYJ183	S.M.CARB 0.1W 5% 18KΩ
R2008	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R2009	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R2010	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R2011	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R2012	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R2013	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R2014	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2015	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R2016	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2017	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R2018	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2019	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2020	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R2021	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R2022	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2023	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R2025	ERJ6GEYJ123	S.M.CARB 0.1W 5% 12KΩ
R2026	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R2027	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R2038	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R2039	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2044	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2045	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R2351	ERQ14AJW100	METAL 0.25W 5% 10Ω ▲
R2352	ERD25TJ101	CARBON 0.25W 5% 100Ω
R2353	ERD25TJ101	CARBON 0.25W 5% 100Ω
R2354	ERD25TJ473	CARBON 0.25W 5% 47KΩ
R2355	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2356	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2357	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2358	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2359	ERD25TJ271	CARBON 0.25W 5% 270Ω
R2360	ERD25TJ183	CARBON 0.25W 5% 18KΩ
R2361	ERD25TJ100	CARBON 0.25W 5% 10Ω
R2371	ERQ14AJW100	METAL 0.25W 5% 10Ω ▲
R2372	ERD25TJ101	CARBON 0.25W 5% 100Ω
R2373	ERD25TJ101	CARBON 0.25W 5% 100Ω
R2374	ERD25TJ473	CARBON 0.25W 5% 47KΩ
R2375	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2376	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2377	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2378	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R2379	ERD25TJ271	CARBON 0.25W 5% 270Ω
R2380	ERD25TJ183	CARBON 0.25W 5% 18KΩ

Ref No.	Part No.	Description			
R2381	ERD25TJ100	CARBON 0.25W	5%	10Ω	
R3006	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3101	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3102	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3107	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3108	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3109	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3110	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3114	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3115	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3117	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3118	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3126	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3127	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3128	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3129	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3130	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3131	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3132	ERD2FCVG100T	CARBON 2W	2%	10Ω	
R3133	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3134	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3135	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3136	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3137	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3138	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3139	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3140	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3141	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3142	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3143	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R3144	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3145	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3146	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R3147	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3148	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3149	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3150	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3151	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3152	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3153	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3154	ERD2FCVG100T	CARBON 2W	2%	10Ω	
R3158	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3159	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R3160	ERJ6GEYJ563	S.M.CARB 0.1W	5%	56KΩ	
R3161	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω	
R3162	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3163	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3165	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R3167	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R3178	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3180	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3182	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3184	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3185	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R3186	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3187	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R3188	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3192	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3193	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3194	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3195	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3196	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3197	ERD2FCVG100T	CARBON 2W	2%	10Ω	
R3198	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3199	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω	
R3200	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3201	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω	
R3202	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω	
R3205	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3206	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3207	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3208	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3209	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	

Ref No.	Part No.	Description			
R3210	ERJ6GEYJ152	S.M.CARB 0.1W	5%	1K5Ω	
R3211	ERJ6GEYJ152	S.M.CARB 0.1W	5%	1K5Ω	
R3212	ERJ6GEYJ123	S.M.CARB 0.1W	5%	12KΩ	
R3213	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3214	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3215	ERD2FCVG100T	CARBON 2W	2%	10Ω	
R3216	ERJ6GEYJ680	S.M.CARB 0.1W	5%	68Ω	
R3217	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3218	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω	
R3226	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3227	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3228	ERJ6GEYJ680	S.M.CARB 0.1W	5%	68Ω	
R3229	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3230	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3231	ERD2FCVG100T	CARBON 2W	2%	10Ω	
R3232	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω	
R3233	ERJ6GEYJ331	S.M.CARB 0.1W	5%	330Ω	
R3236	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R3237	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R3238	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3239	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R3240	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R3351	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R3352	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R3353	ERJ6GEYJ474	S.M.CARB 0.1W	5%	470KΩ	
R3354	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3355	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R3501	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R3502	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3503	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R3505	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R3506	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R3507	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R3508	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R3509	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3513	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R3514	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R3515	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R3516	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R3517	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R3518	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3520	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R3521	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3522	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3523	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3526	ERD25TCOT	CARBON 0.25W	5%	0Ω	
R3531	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R3532	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R3534	ERD25TJ181	CARBON 0.25W	5%	180Ω	
R3536	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3539	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R3540	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω	
R3541	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω	
R3542	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω	
R3802	ERG3FJ100	METAL 3W	5%	10Ω	△
R3803	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R3804	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	

SWITCHES

S801	ESB91232A	SWITCH	△
S1051	EVQ23405R	SWITCH	
S1052	EVQ23405R	SWITCH	
S1053	EVQ23405R	SWITCH	
S1054	EVQ23405R	SWITCH	
S1055	EVQ23405R	SWITCH	

TRANSFORMERS

T501	TLHA003	TRANSFORMER	
T551	ZTFH65013A	F.B.T.	
T801	ETP35KAN615U	TRANSFORMER	
T802	ETS49AH137ND	TRANSFORMER	
T803	ETQ19K55AY	TRANSFORMER	

Ref No.	Part No.	Description
FILTERS		
X101	EFCT6504BF	FILTER
X102	EFCT5M7MW3	FILTER
X103	EFCT6R0MW5	FILTER
X104	K3953-M100	SAW FILTER
X105	K9456M	SAW FILTER
X106	EFCV3195T6	CERAMIC FILTER

Ref No.	Part No.	Description
X107	EFCT7004BF	CERAMIC FILTER
X109	EFCV4045T4	CERAMIC FILTER
X601	TSSA024	CRYSTAL
X602	TSSA025	CRYSTAL
X1101	TAF10020	CRYSTAL
X1551	TSSA009	CRYSTAL
X2001	4730007158	CRYSTAL
X3501	TSSA009	CRYSTAL

NOTE:

For models with the dark walnut finish please refer to the TX-28XD60C/A and TX-25XD60C/A Difference Lists and for Models with the light mahogany please refer to the TX-28XD60C/B AND TX-25XD60C/B

DIFFERENCES FOR TX-25XD60C

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
4)	TNPA0292AP	Y-PC.B. ▲
5)	TLK8E05120	DEGAUSS COIL ▲
7)	A59ECF50X71	CRT ▲
8)	TKY8E151-2	CABINET ▲
9)	TKP8E1168	SPEAKER NET
10)	TBX8E040	POWER BUTTON BLACK
11)	TKP8E1173	LEFT PANEL (BLACK)
12)	TKP8E1171	TOP PANEL BLACK
14)	TQF8E2526	MODEL LABEL
15)	TKU8E00310	BACK COVER ▲
16)	TNPA0295AS	D P.C.B. ▲
20)	TNPH0063BL	E P.C.B. ▲
26)	TKP8E1201	RIGHT PANEL BLACK
	TPC8E4613	OUTER CARTON
	TPD8E631	TOP CUSHION
	TPD8E632	BOTTOM CUSHION
INTEGRATED CIRCUITS		
IC1104	X24C0301BM	EAROM
IC1105	27C2001-503	EPROM
IC603	TDA4780/V4	RGB VIDEO PROCESSOR
RESISTOR		
R558	ERD25TJ823	CARBON 0.25W 5% 82KΩ

DIFFERENCES FOR TX-28XD60C

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
4)	TNPA0292AF	Y PC.B. ▲
5)	TLK8E05125	DEGAUSS COIL ▲
7)	A66ECF61X71	CRT ▲
8)	TKY8E161	CABINET ▲
9)	TKP8E1169	SPEAKER NET
10)	TBX8E040	POWER BUTTON BLACK
11)	TKP8E1175	LEFT PANEL (BLACK)
12)	TKP8E1172	TOP PANEL (BLACK)
14)	TQF8E2529	MODEL LABEL
15)	TKU8E00320	BACK COVER ▲
16)	TNPA0295AR	D P.C.B. ▲
20)	TNPH0063BH	E P.C.B. ▲
26)	TKP8E1199	RIGHT PANEL (BLACK)
	TPC8E4587	OUTER CARTON
	TPD8E633	TOP CUSHION
	TPD8E634	BOTTOM CUSHION
INTEGRATED CIRCUITS		
IC1104	X24C0302BN	EAROM
IC1105	27C2001501AC	EPROM
IC603	TDA4780	RGB VIDEO PROCESSOR
RESISTOR		
R558	ERO50PKF4532	METAL 50W 1% 45KΩ ▲

DIFFERENCES FOR TX-25XD60C/A

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
4)	TNPA0292AP	Y-PC.B. ▲
5)	TLK8E05120	DEGAUSS COIL ▲
7)	A59ECF50X71	CRT ▲
8)	TKY8E151-2	CABINET ▲
9)	TKP8E1168	SPEAKER NET
10)	TBX8E045	POWER BUTTON (DARK WOOD)
11)	TKP8E1192	LEFT PANEL (DARK WOOD)
12)	TKP8E1190	TOP PANEL (DARK WOOD)
14)	TQF8E2527	MODEL LABEL
15)	TKU8E00310	BACK COVER ▲
16)	TNPA0295AS	D P.C.B. ▲
20)	TNPH0063BL	E P.C.B. ▲
26)	TKP8E1202	RIGHT PANEL (DARK WOOD)
27)	TKP8E1173	DOOR LID (DARK WOOD)
	TPC8E4613	OUTER CARTON
	TPD8E631	TOP CUSHION
	TPD8E632	BOTTOM CUSHION
INTEGRATED CIRCUITS		
IC1104	X24C0301BM	EAROM
IC1105	27C2001-503	EPROM
IC603	TDA4780/V4	RGB VIDEO PROCESSOR
RESISTOR		
R558	ERD25TJ823	CARBON 0.25W 5% 82KΩ

DIFFERENCES FOR TX-28XD60C/A

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
4)	TNPA0292AF	Y PC.B. ▲
5)	TLK8E05125	DEGAUSS COIL ▲
7)	A66ECF61X71	CRT ▲
8)	TKY8E161	CABINET ▲
9)	TKP8E1169	SPEAKER NET
10)	TBX8E040	POWER BUTTON (DARK WOOD)
11)	TKP8E1184	LEFT PANEL (DARK WOOD)
12)	TKP8E1182	TOP PANEL (DARK WOOD)
14)	TQF8E2530	MODEL LABEL
15)	TKU8E00320	BACK COVER ▲
16)	TNPA0295AR	D P.C.B. ▲
20)	TNPH0063BH	E P.C.B. ▲
26)	TKP8E1203	RIGHT PANEL (DARK WOOD)
27)	TKP8E1180	DOOR LID (DARK WOOD)
	TPC8E4587	OUTER CARTON
	TPD8E633	TOP CUSHION
	TPD8E634	BOTTOM CUSHION
INTEGRATED CIRCUITS		
IC1104	X24C0302BN	EAROM
IC1105	27C2001501AC	EPROM
IC603	TDA4780	RGB VIDEO PROCESSOR
RESISTOR		
R558	ERO50PKF4532	METAL 50W 1% 45KΩ ▲

DIFFERENCES FOR TX-25XD60C/B

Ref No.	Part No.	Description	
MISCELLANEOUS COMPONENTS			
4)	TNPA0292AP	Y-P.C.B.	△
5)	TLK8E05120	DEGAUSS COIL	△
7)	A59ECF50X71	CRT	
8)	TKY8E151-2	CABINET	△
9)	TKP8E1168	SPEAKER NET	
10)	TBX8E046	POWER BUTTON (LIGHT WOOD)	
11)	TKP8E1193	LEFT PANEL (LIGHT WOOD)	
12)	TKP8E1191	TOP PANEL (LIGHT WOOD)	
14)	TQF8E2528	MODEL LABEL	
15)	TKU8E00310	BACK COVER	△
16)	TNPA0295AS	D P.C.B.	△
20)	TNPH0063BL	E P.C.B.	△
26)	TKP8E1196	RIGHT PANEL (LIGHT WOOD)	
27)	TKP8E1181	DOOR LID (LIGHT WOOD)	
	TPC8E4613	OUTER CARTON	
	TPD8E631	TOP CUSHION	
	TPD8E632	BOTTOM CUSHION	
INTEGRATED CIRCUITS			
IC1104	X24C0301BM	EAROM	
IC1105	27C2001-503	EPROM	
IC603	TDA4780/V4	RGB VIDEO PROCESSOR	
RESISTOR			
R558	ERD25TJ823	CARBON 0.25W	5% 82KΩ

DIFFERENCES FOR TX-28XD60C/B

Ref No.	Part No.	Description	
MISCELLANEOUS COMPONENTS			
4)	TNPA0292AF	Y P.C.B.	△
5)	TLK8E05125	DEGAUSS COIL	△
7)	A66ECF61X71	CRT	△
8)	TKY8E161	CABINET	△
9)	TKP8E1169	SPEAKER NET	
10)	TBX8E046	POWER BUTTON (LIGHT WOOD)	
11)	TKP8E1185	LEFT PANEL (LIGHT WOOD)	
12)	TKP8E1183	TOP PANEL (LIGHT WOOD)	
14)	TQF8E2531	MODEL LABEL	
15)	TKU8E00320	BACK COVER	△
16)	TNPA0295AR	D P.C.B.	△
20)	TNPH0063BH	E P.C.B.	△
26)	TKP8E1188	RIGHT PANEL (LIGHT WOOD)	
27)	TKP8E1181	DOOR LID (LIGHT WOOD)	
	TPC8E4587	OUTER CARTON	
	TPD8E633	TOP CUSHION	
	TPD8E634	BOTTOM CUSHION	
INTEGRATED CIRCUITS			
IC1104	X24C0302BN	EAROM	
IC1105	27C2001501AC	EPROM	
IC603	TDA4780	RGB VIDEO PROCESSOR	
RESISTOR			
R558	ERO50PKF4532	METAL 50W	1% 45KΩ △


SCHEMA ELETTRICO

TX-28XD60C

TX-25XD60C

(TELAIO EURO-3H)

IMPORTANTE

I componenti indicati con  hanno caratteristiche speciali ed importante per la sicurezza. Qualora tali componenti vengano sostituiti, devono essere usati solo quelli specificati dal costruttore.

Nota

- RESISTENZE**
Tutte le resistenze sono al carbone da 1/8W se sono contrassegnate come segue:
I valori sono espressi in OHM Ω K=1,000 M=1,000,000.
- CONDENSATORI**
Tutti i condensatori sono ceramici 50V, se non sono contrassegnati come segue:
I valori sono espressi in μ F, se non diversamente specificato.
- BOBINE**
I valori sono espressi in μ H, se non diversamente specificato.
Il contrassegno "L" sullo schema elettrico indica la polarità.
- TEST POINT**



: Posizione dei test point

- MASSA**



: Massa Telaio (Freddo)



: Massa Linea (Caldo)

- CONTROLLI DI TENSIONE**

Le tensioni sono misurate con voltmetro DC alle seguenti condizioni:

Tensione di rete	AC 230V nominale 50Hz
Segnale campione	segnale barre colore (RF)
Comandi esterni	al massimo

- Indica il flusso di segnale principale



: VIDEO



: AUDIO



: VERTICALE / ORIZZONTALE

- Questo schema elettrico è soggetto a variazioni senza preavviso.

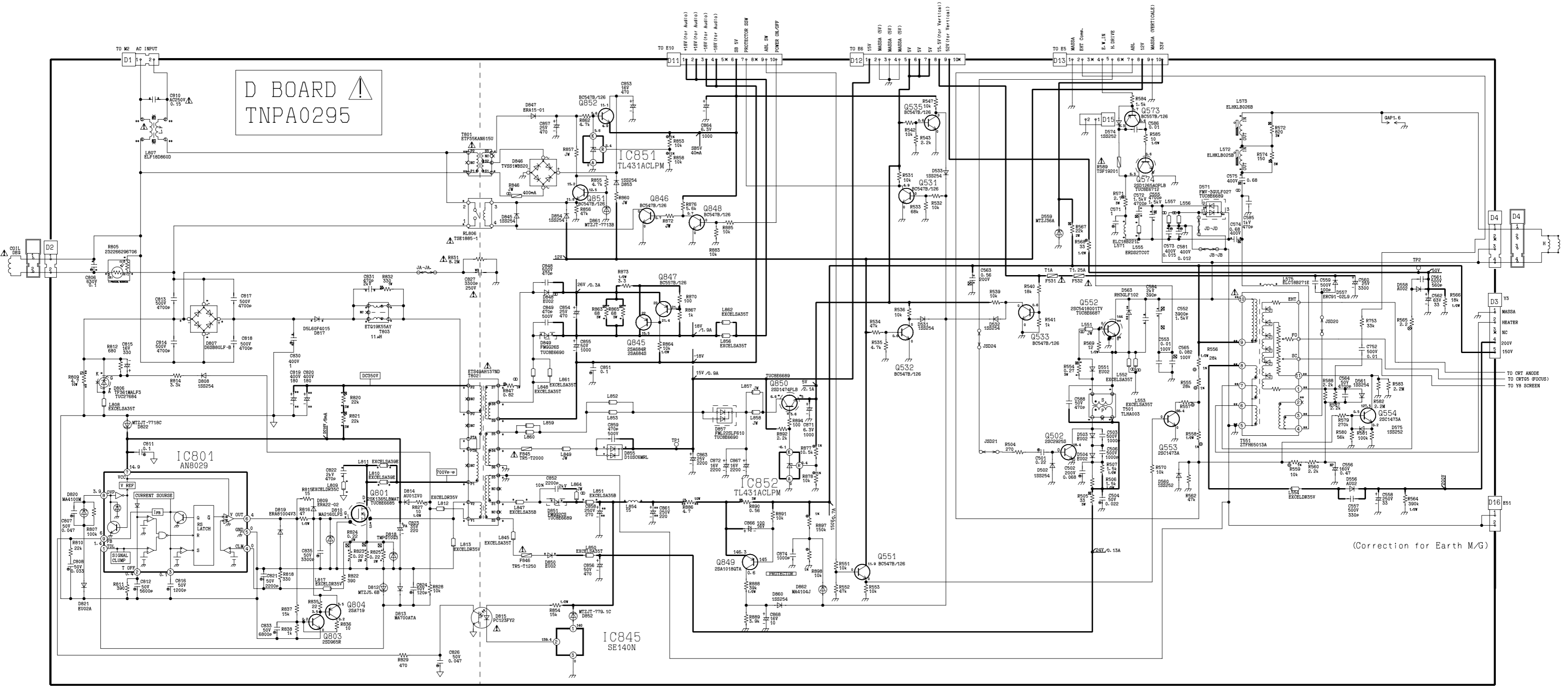
Precauzioni

- Nell'intento di prevenire possibili scosse elettriche evitare contemporaneamente le sezioni definite calde e fredde.
- Un corto circuito fra le due sezioni può provocare anomalie nei componenti.
- Nell'utilizzo di uno strumento di misura la massa dello stesso deve essere collegata alla massa del circuito da misurare.
- Le resistenze sotto indicate sono componenti fusibili di sicurezza, e risultano differenziati per valore di corrente.

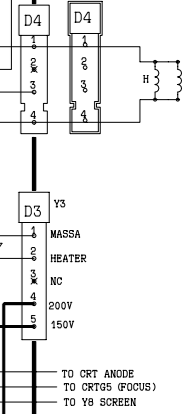
Nota :

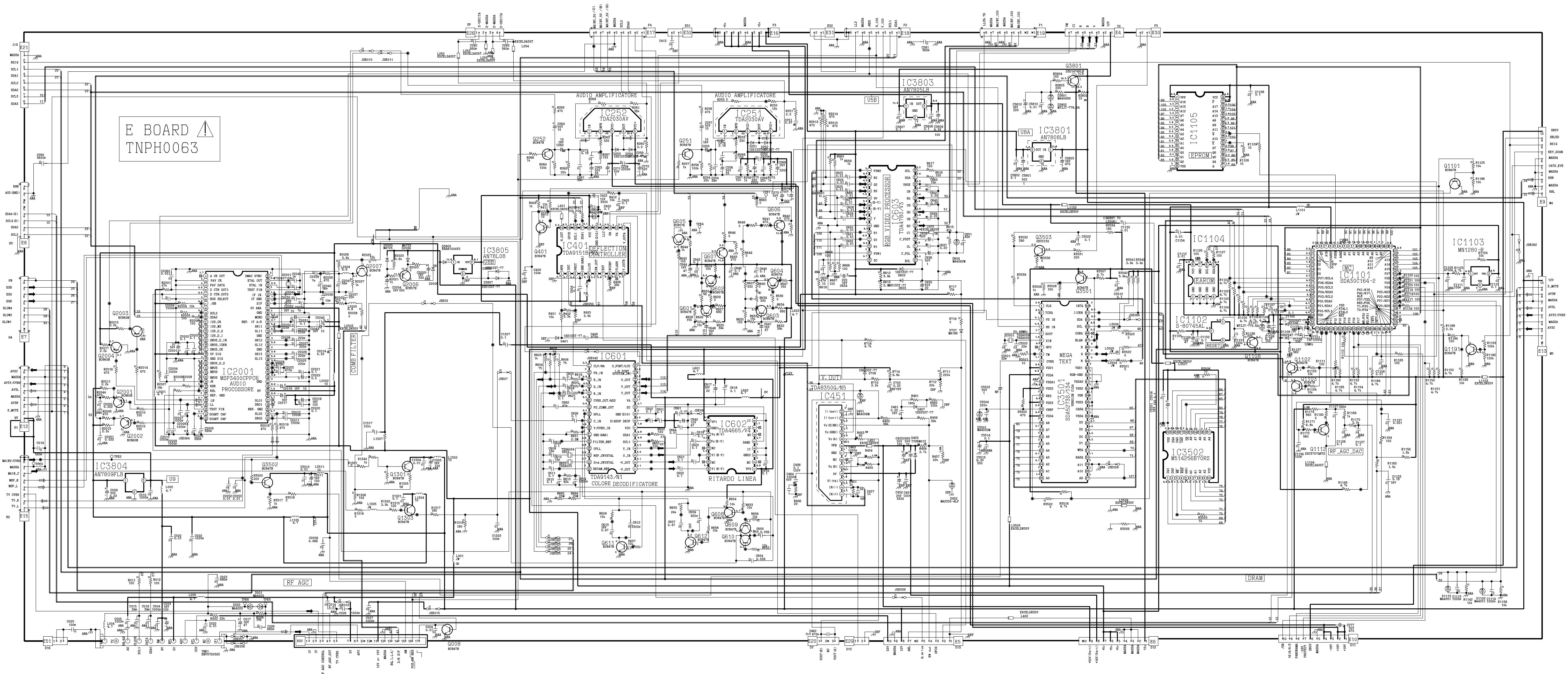
- Nel circuito di alimentazione è presente una sezione le cui tensioni risultano separate dalla massa generale del telaio. Sullo schema elettrico vengono definite aree calda e fredda. Prestare particolare attenzione. Tutti i circuiti escluso quello di alimentazione sono freddi.

D BOARD
TNPA0295



(Correction for Earth M/G)





E BOARD
TNP0063

AUDIO AMPLIFICATORE

AUDIO AMPLIFICATORE

IC3803
AN7805LB

IC3801
AN7808LB

IC1105
EPROM

IC3805
AN78L08

IC401
TDA9151B
DEFLECTION CONTROLLER

IC303
TDA4180/3
RGB VIDEO PROCESSOR

IC1104
MEAROM

IC1101
SDA50C164-2

IC1103
MV1280

IC2001
MSP3400CP06
AUDIO PROCESSORE

IC601
TDA9143N1
COLORE DECODIFICATORE

IC602
TDA4665N1
RITARDO LINEA

IC451
TDA8350Q/N5
V. OUT

IC501
SDA2732/34
MEGA TEXT

IC3502
M514256B70RS

IC1112
RF_AGC_DAC

IC3804
AN7809FLB

RF AGC

DRAM

KEY_SCAN
CATS_EYE
KIR
MASSA
KRL

12V
S_MUTE
AV3R
MASSA
AV3L
AV3V_CVBS
AV3C

E10

E11

E12

E13

E14

E15

E16

E17

E18

E19

E20

E21

E22

E23

E24

E25

E26

E27

E28

E29

E30

E31

E32

E33

E34

E35

E36

E37

E38

E39

E40

E41

E42

E43

E44

E45

E46

E47

E48

E49

E50

E51

E52

E53

E54

E55

E56

E57

E58

E59

E60

E61

E62

E63

E64

E65

E66

E67

E68

E69

E70

E71

E72

E73

E74

E75

E76

E77

E78

E79

E80

E81

E82

E83

E84

E85

E86

E87

E88

E89

E90

E91

E92

E93

E94

E95

E96

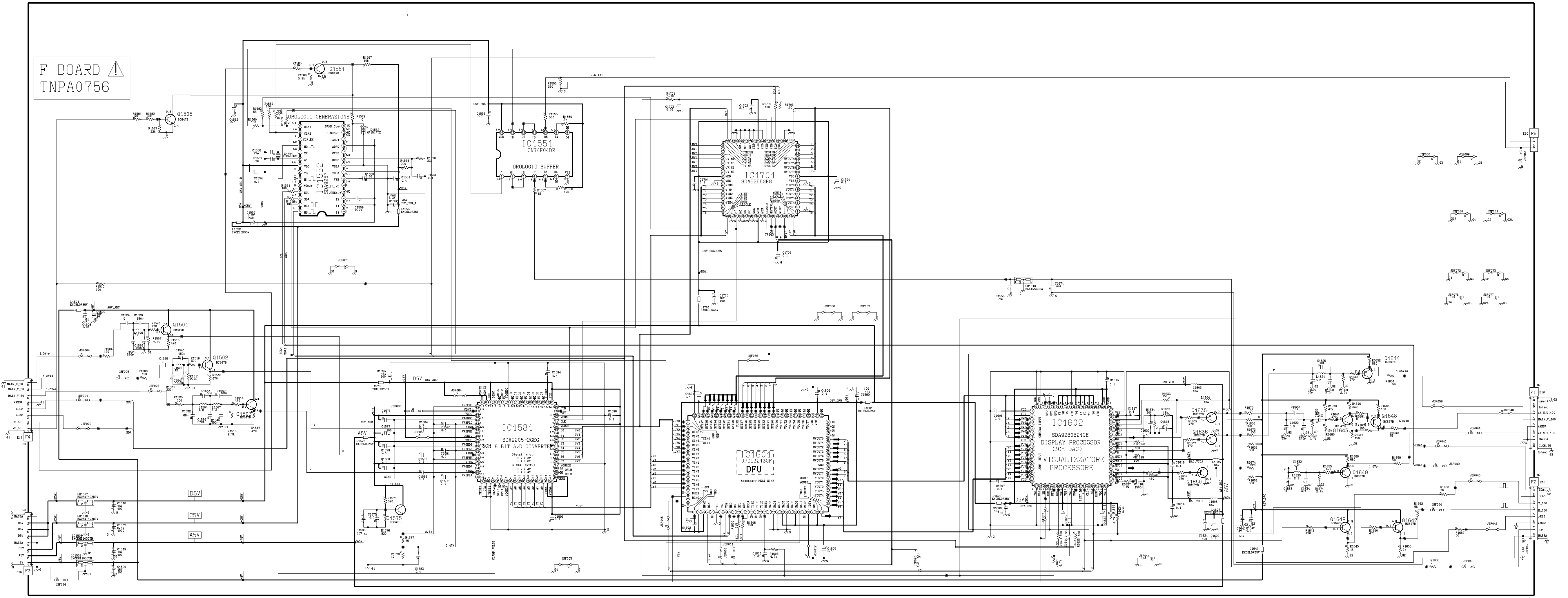
E97

E98

E99

E100

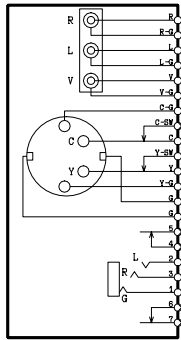
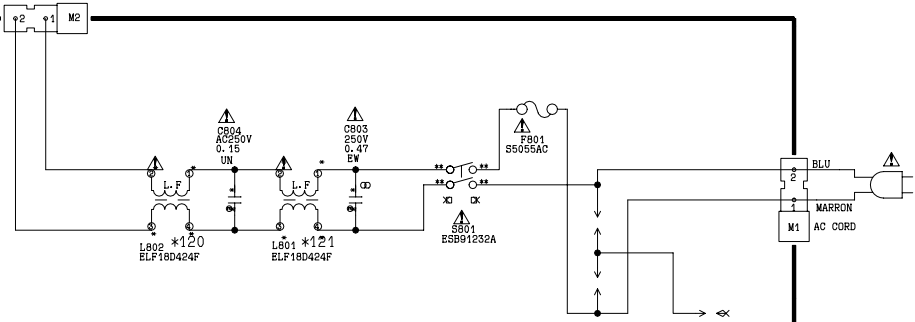
F BOARD
TNPA0756



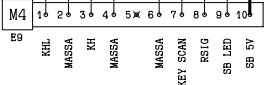
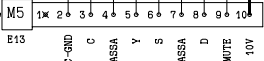
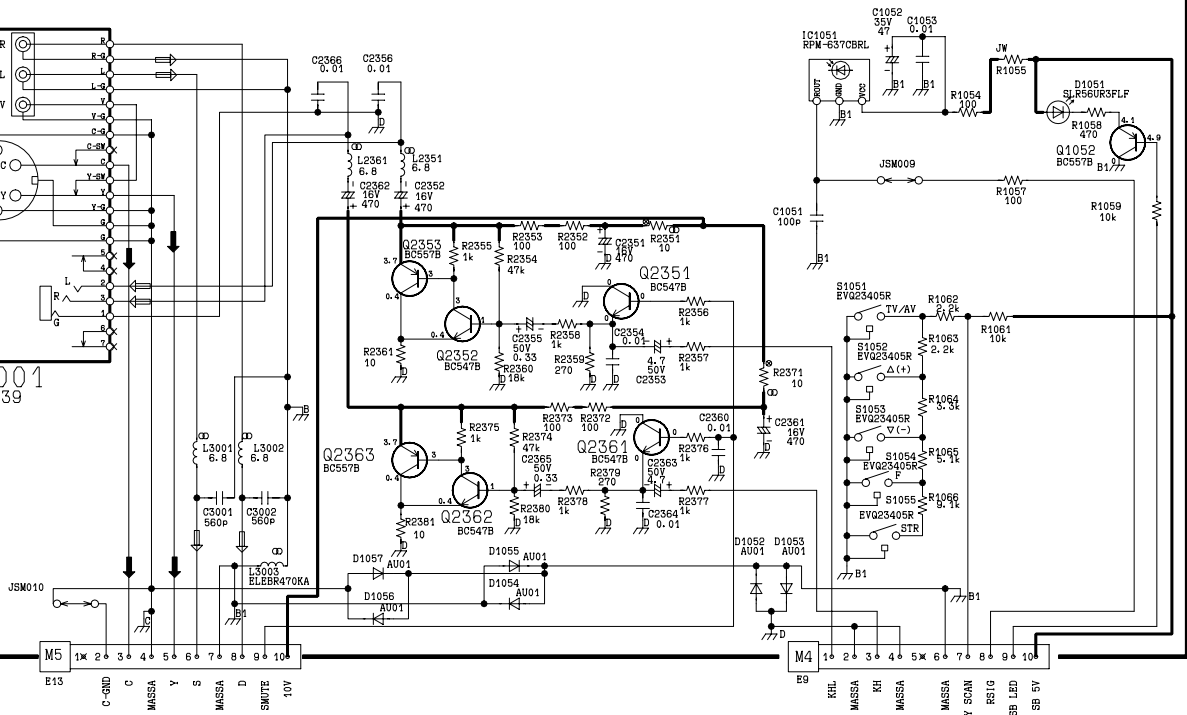
M BOARD
TNPA0766

COLD

HOT



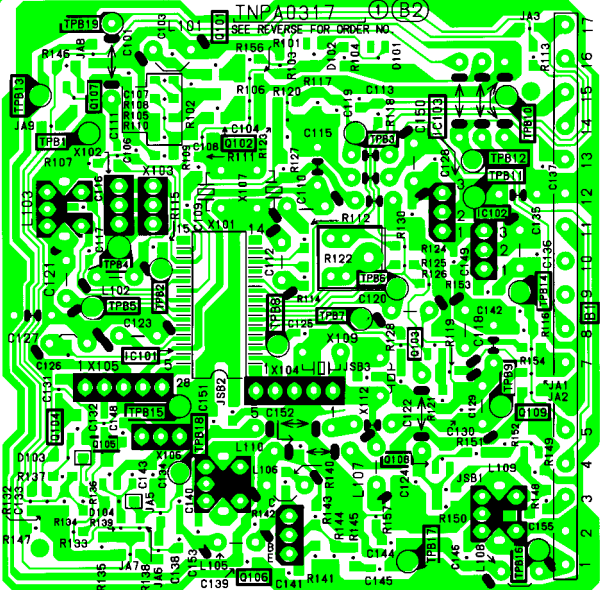
JK3001
TJBA039



TNP A0317

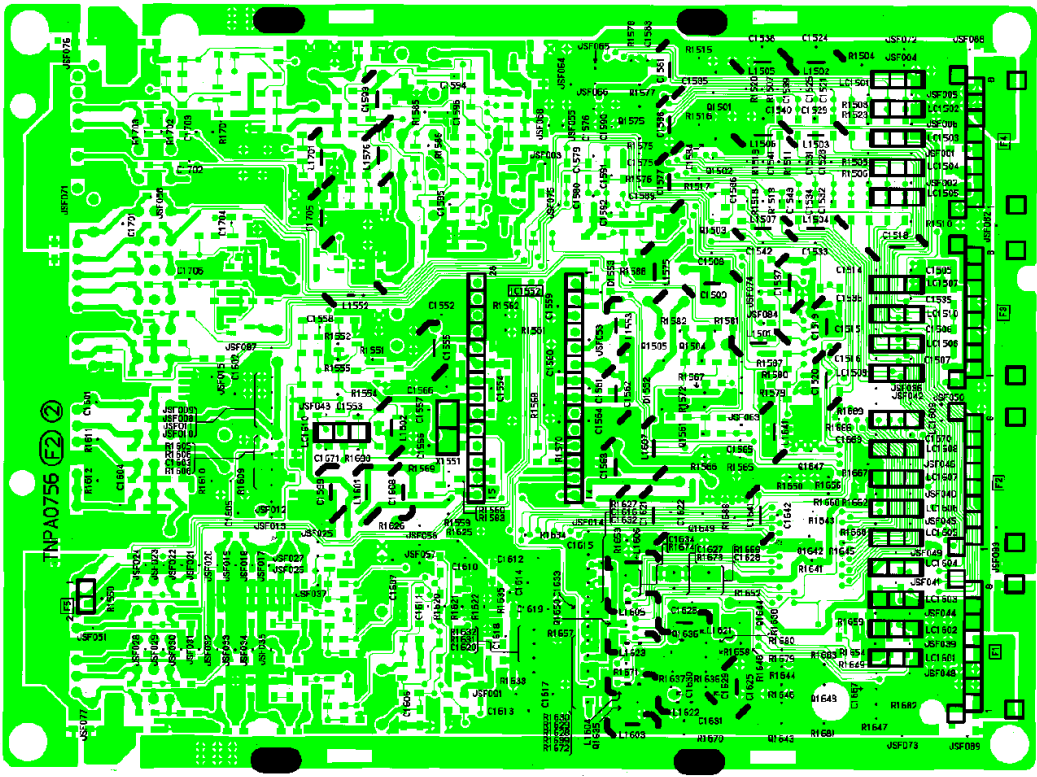
(1) (B2)

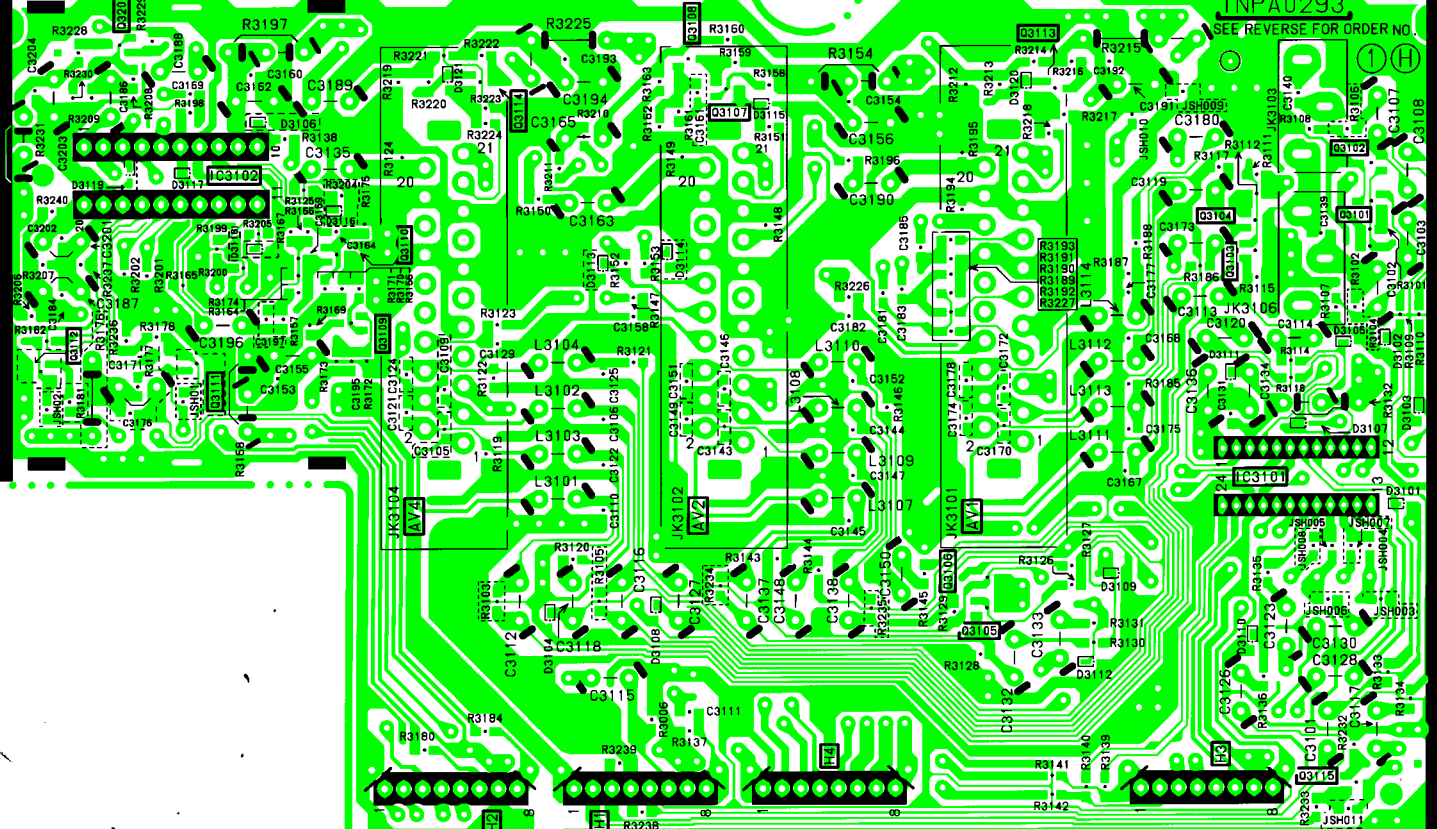
SEE REVERSE FOR ORDER NO.

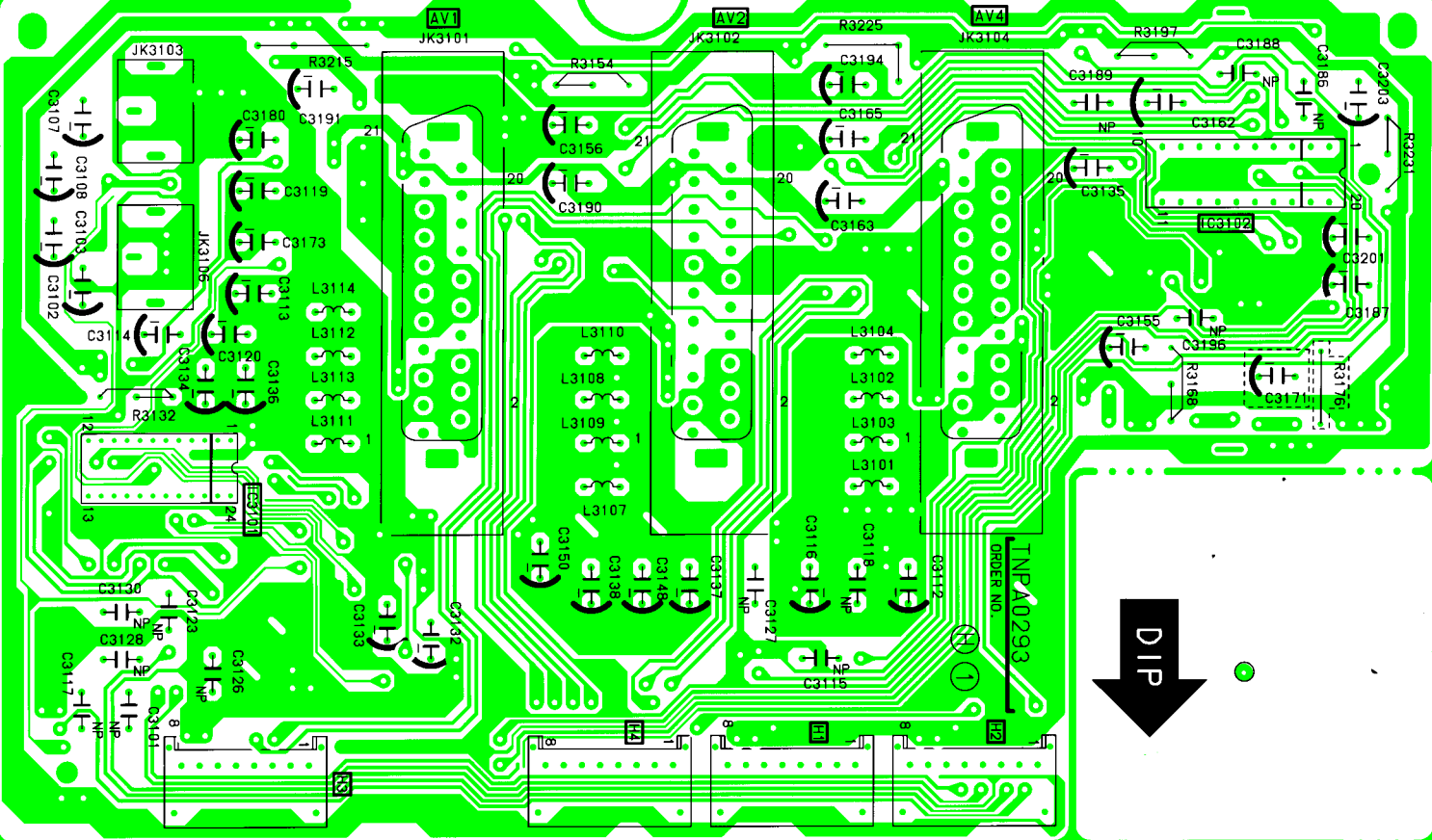


16
15
14
13
12
11
10
9
8
7
6
5
4
3
2

TNPA0756 (F2) ②







DIP

TNP A0293

ORDER NO.

