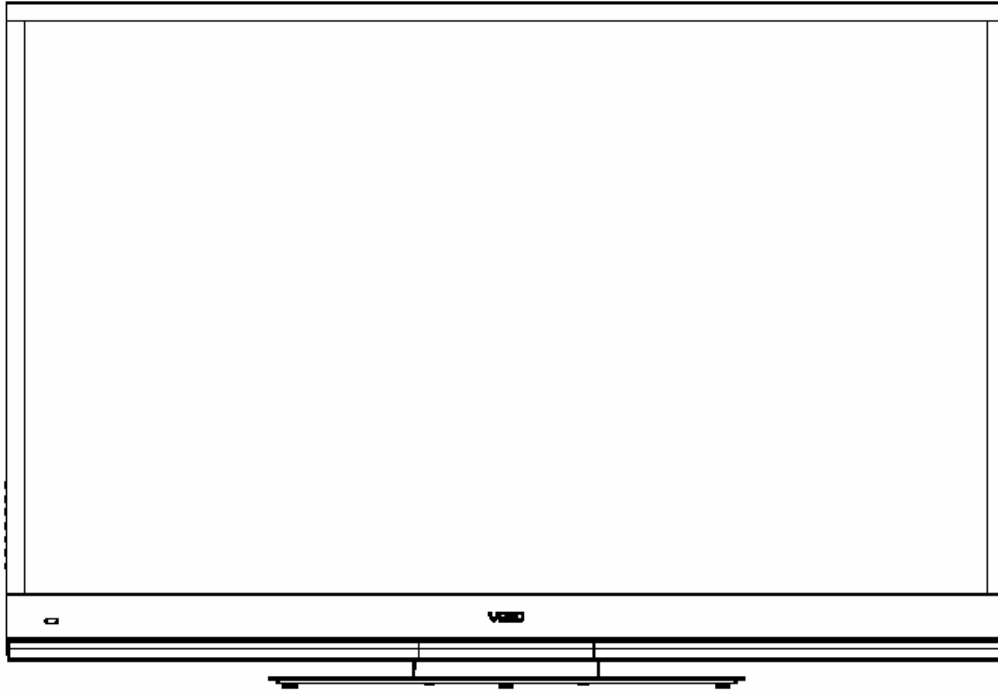


# Service Manual



**Model #: VIZIO VM60P HDTV10A**

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*Top Confidential*

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### *Appendix*

1. Main Board Circuit Diagram
2. Main Board PCB Layout
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Block Diagram

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#### FCC INFORMATION

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause unacceptable interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures -- reorient or relocate the receiving antenna; increase the separation between equipment and receiver; or connect the into an outlet on a circuit different from that to which the receiver is connected.

#### FCC WARNING

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to Amtrak products will void the user's authority to operate this device. Thus VINC Will not be held responsible for the product and its safety.

#### CE CERTIFICATION

This device complies with the requirements of the EEC directive 89/336/EEC with regard to "Electromagnetic compatibility."

#### SAFETY CAUTION

Use a power cable that is properly grounded. Always use the AC cords as follows – USA (UL); Canada (CSA); Germany (VDE); Switzerland (SEV); Britain (BASEC/BS); Japan (Electric Appliance Control Act); or an AC cord that meets the local safety standards.

# Chapter 1 Features

---

- Wall-mountable
- New WIDE HD Plasma Panel:1366 x 768 (H x V)
- TruSurround XT sound system and DCDi by Faroujia video image
- High definition digital interface – HDMI
- HDCP supportive
- Multiple-screen display (picture-on-picture/picture-in-picture)
- Selectable picture mode
- 3-language On Screen Display
- 2 S-video and Composite video inputs
- 2 Component video inputs
- 4 HDMI inputs
- Supporting DVI converted to HDMI
- Closed caption
- Copper metal front bezel

## Chapter 2 Specification

---

### 1. Optical Characteristics

Item	Specification	Note
Display Pixels	1366 (H) x 768 (V) pixels	
Display Cells	1319.6 (H) x 741.9 (V) cells	
Pixel Pitch	0.966 mm (H) X 0.966 mm (V)	
Pixel Type	RGB Closed type	
Color Depth	256 (R) x 256 (G) x 256 (B) colors	
Active Display Area	1319.6 mm (H) x 741.9 mm $\pm 0.5$ (V)	
Brightness (panel spec)	1200 cd/m <sup>2</sup> (Typical)	
w/Glass Filter	Min.250 cd/m <sup>2</sup>	1
	Min. 40 cd/m <sup>2</sup>	Full white
Contrast ratio (panel spec)	7000:1 (Typical, dark room)	
Color Coordinates (typical)		
White (w/Glass Filter)	x=0.250 $\pm$ 0.03, y=0.270 $\pm$ 0.03	
White (wo/Glass Filter)	x=0.280 $\pm$ 0.03, y=0.290 $\pm$ 0.03	
80% White (w/glass filter)	Warm (5400K)	
	Standard (6500K)	
	Cool (9300K)	
Viewing Angle	Free	

---

## RF Connector

## INTERMEDIATE FREQUENCIES

DIGITAL SYSTEM	ATSC
Center Frequency	44.00

<b>ANALOGUE SYSTEM</b>	<b>M</b>
Picture carrier	45.75
Colour	42.17
Sound	41.25

## CHANNEL COVERAGE

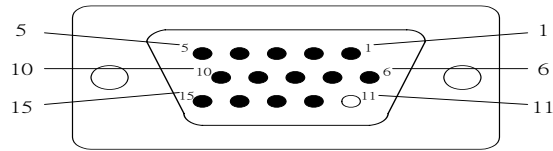
BAND (Digital)	FREQUENCY (MHz)
Low band	57 to 159 MHz
Mid band	166 to 441 MHz
High band	447 to 857 MHz

BAND (Analogue)	FREQUENCY (MHz)
Low band	55.25 to 157.25 MHz
Mid band	163.25 to 439.25 MHz
High band	445.25 to 855.25 MHz (Note 1)

Note 1: Sufficient margin is available to tune up to 858.25 MHz

## RGB Connector

- |                     |   |            |
|---------------------|---|------------|
| a. Type:            | Analog  |            |
| b. Frequency:       | H: 30-80KHz   | V: 60-85Hz |
| c. Signal level:    | 0.7Vp-p   |            |
| d. Impedance:       | 75Ω   |            |
| e. Synchronization  | H/V separate sync: TTL<br>H/V composite sync: Sync on Green TTL |            |
| f. Video bandwidth: | 135MHz  |            |
| g. Connector type:  | 15-pin D-Sub, female  |            |



Pin	Pin Assignment	Pin	Pin Assignment
1	Red video input	9	+5V
2	Green video input	10	Ground
3	Blue video input	11	No connection
4	Ground	12	(SDA)
5	Ground	13	Horizontal sync (Composite sync)
6	Red video ground	14	Vertical sync
7	Green video ground	15	(SCL)
8	Blue video ground		

#### HDMI Connector

- a. Frequency:      H: 15.734KHz      V: 60Hz
- H: 31KHz      V: 60Hz
- H: 45KHz      V: 60Hz
- H: 33KHz      V: 60Hz
- H: 67.5KHz      V: 60Hz
- b. Polarity:      Positive or Negative
- c. Type:      Type A
- d. Pin Assignment: Please see below



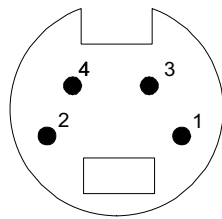


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### RCA-type (Yellow) Composite Video Connector

- a. Frequency: H: 15.734KHz RCA jack (NTSC)
- b. Signal level: 1Vp-p V: 60Hz 0.3V below Video (Y+C)
- c. Impedance: 75 $\Omega$  Sync (H+V):
- d. Connector type: RCA jack

### S-Video Connector



- 1, 2 = GND
- 3 = Luminance (Y)
- 4 = Chrominance(C)

- a. Frequency: H: 15.734KHz V: 60Hz (NTSC)
- b. Signal level: Y: 1Vp-p C: 0.286Vp-p
- c. Impedance: 75 $\Omega$
- d. Connector type: 4-pin mini DIN

---

Y-Cb/Pb-Cr/Pr Component video signal

- a. Frequency:      H: 15.734KHz   V: 60Hz      (NTSC-480i)  
                             H: 31KHz      V: 60Hz      (NTSC-480p)  
                             H: 45KHz      V: 60Hz      (NTSC-720p)  
                             H: 33KHz      V: 60Hz      (NTSC-1080i)  
                             H: 67.50KHz   V: 60Hz      (NTSC-1080p)
- b. Signal level:      Y: 1Vp-p      Pb:  $\pm 0.350$ Vp-p      Pr:  
 $\pm 0.350$ Vp-p
- c. Impedance:      75 $\Omega$
- d. Connector type: RCA jack

PC audio in

- a. Signal level:      1Vrms
- b. Impedance:      47K $\Omega$
- c. Connector type: 3.5  $\phi$  mini jack

Video audio in

- a. Signal level:      0.7Vrms
- b. Impedance:      47K $\Omega$
- c. Frequency Response:      20Hz-20KHz
- d. Connector type:      RCA L/R:

### 3. INPUT CONNECTORS

Inputs	I/Os	Wording on the input OSD	Wording on the rear
	AV1 (1x Composite Video (1x RCA) + 1x S-Video (1x 6-Pin DIN)+ 1x Stereo Audio (RCA L/R) )	AV1 (S-VIDEO)/AV1 (VIDEO)	AV1
	AV2 (1x Composite Video (1x RCA) +1x S-Video (1x 6-Pin DIN) + 1x Stereo Audio (RCA L/R) )	AV2 (S-VIDEO)/AV2 (VIDEO)	AV2
	Component1 (1x Component (3x RCA, YPbPr Video) (1080p) + 1x Stereo Audio (RCA L/R) )	COMPONENT 1	COMPONENT 1
	Component2 (1x Component (3x RCA, YPbPr Video) (1080p) + 1x Stereo Audio (RCA L/R) )	COMPONENT 2	COMPONENT 2
	HDMI (4x HDMI + 1x Stereo Audio (RCA L/R) , HDCP & DVI support )	HDMI	HDMI
	TV (Combo RF tuner, for internal NTSC/ATSC/QAM)	DTV	DTV/TV - CABLE / ANTENNA
		TV	
	VGA (1x Analog RGB (1x 15-Pin D-Sub) ) + 1x Stereo Mini Jack )	RGB	RGB PC
Service interface	2x RJ11 (one for analog, one for DTV)		SERVICE 1 (GNSS & 8051) SERVICE 2 (MTK)

### 4. OUTPUT CONNECTORS

- a. SPDIF Digital Audio Out (Optical)
- b. Audio output

### 5. POWER SUPPLY

Consumption: 650W MAX Power OFF: less than 3W

### 6. SPEAKER

Output 20W (max) X2

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## 7. ENVIRONMENT

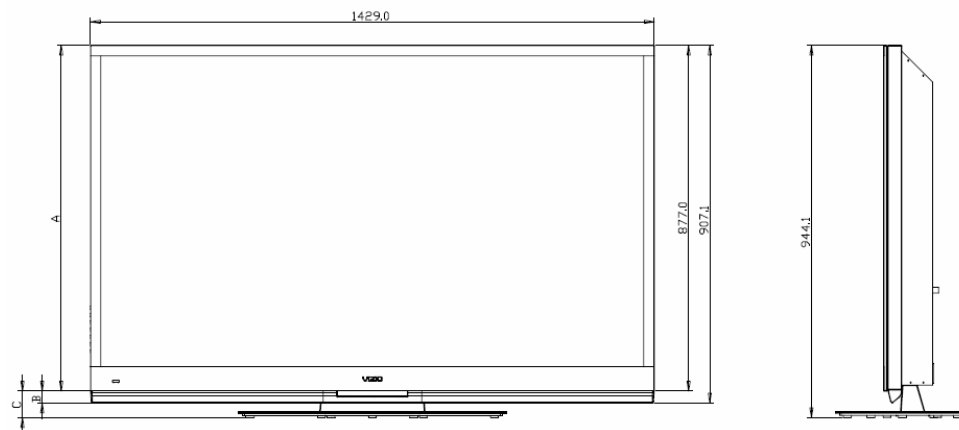
### Operating

- a. Temperature: 0~40°C
- b. Relative humidity: 20%~80% RH
- c. Altitude: 0~6,560 ft

### Non-operating

- a. Temperature: -20~60°C
- b. Relative humidity: 10%~90% RH
- c. Altitude: 0~9,840 ft

## 8. DIMENSIONS



	Display Module (A)	Display Module(A) + Audio Deflector (B)	Display Module(A) + Audio Deflector (B) + Base (C)
Height	877mm	907.1mm	904.1mm
Width	1429mm	1429mm	1429mm
Depth	124mm	124mm	330mm


## 9. WEIGHT

- a. Net 185 +/- 1.5 lbs
- b. Gross 218 +/- 2.2 lbs

## Chapter 3 On Screen Display

---

### Main unit button

Buttons	1	2	3	4	5	6	7
Name		MENU	CH+/▲	CH-/▼	VOL+/▶	VOL-/◀	INPUT

### OSD Adjustment

#### Main OSD Tree

Mode				
Video Settings				
V I D E O	Picture Mode(Custom, Vivid, Movie, Game, Sport)			
V I D E O	Brightness(O~100)			
V I D E O	Contrast(O~100)			
V I D E O	Saturation(O~100)			
V I D E O	Hue(-50~50)			
V I D E O	Sharpness(O~24)			
V I D E O	Advanced			
V I D E O		Noise Reduction		
V I D E O			Motion(High, Medium, Low, OFF, Adaptive)	
V I D E O			Digital(O~64)	
V I D E O		Fleshtone (Off, Low,		

Mode				
		Medium, High)		
V I D E O		Dynamic Contrast(0, 1, 2, 3, 4)		
V I D E O		Color Temp	—	—
V I D E O			Warm	—
V I D E O			Standard	—
V I D E O			Cool	—
V I D E O			Custom	—
V I D E O				Red(0~100)
V I D E O				Green(0~100)
V I D E O				Blue(0~100)
V I D E O				
P C		Auto Adjustment		
P C		Image Position(-100~+100hor izontal, -31~+31vertical)		
P C		Phase (0~100)		
P C		Clocks / Line(0~100)		
P C		ColorTemp		
P C			Warm	
P C			Standard	
P C			Cool	

Mode				
P C			User	
P C				Red(0~100)
P C				Green(0~100)
P C				Blue(0~100)
P C		Power saving(ON/OFF)		
	Reset		—	—
<b>Audio Settings</b>				
	Bass(O~20)			
	Treble(O~20)			
	Balance(-10~10)			
	SRSTSXT(On,Off)			
	Auto Volume(On,Off)			
	Audio Out(Fixed Volume、 Variable Volume)			
	Speakers(On、 Off)			
	Reset			
<b>Parental Controls</b>				
V I D E O	Parental Lock Enable (No, Yes)			
V I D E O	TV Rating			
V I D E O		TV Youth		
V I D E O		TV Youth 7		

Mode				
V I D E O		TV G		
V I D E O		TV PG		
V I D E O		TV 14		
V I D E O		TV MA		
V I D E O	Movie Rating			
V I D E O		Movie G		
V I D E O		Movie PG		
V I D E O		Movie PG-13		
V I D E O		Movie R		
V I D E O		Movie NC-17		
V I D E O		Movie X		
V I D E O	Blocked Unrated(Yes,No)			
V I D E O	Change Password			
V I D E O		Please enter new password		
V I D E O		Please re-enter new password		
V I D E O				
<b>Tuner Settings</b>				
ATV	Cable/Air(Cable, Air)			
ATV	Scan			
ATV	Channel Skip			
ATV	MTS(Mono, Stereo, SAP)			



Mode				
DTV	DTV Menu			
<b>Setup</b>				
	Language(English, Français, Español)			
VIDEO	Aspect Ratio(16:9, Zoom, 4:3, Panoramic)			
PC	Aspect Ratio(16:9, 4:3)			
	PIP			
		PIP Mode(Off, Large PIP, Small PIP, POP)		
		PIP Position(Top-Left, Top-Right, Bottom-Left, Bottom-Right)		
		PIP Input		
AV/ATV	Closed Caption			
AV/ATV		Display(Off, CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, TEXT4)		

Mode				
PDP	Image Cleaner			
	—			

甲、 DTV Menu

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
DTV Tuner Setup				
	Time Zone			
		Hawaii		
		Eastern Time		
		Indiana		
		Central Time		
		Mountain Time		
		Arizona		
		Pacific Time		
		Alaska		
	Cable/Air/Auto			
		Cable		
		Air		
		Auto		
	Scan			

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
	Manual Scan			
		Scan Mode		
			Add-on Mode	
			Range Mode	
				From Channel
				To Channel
	Channel Skip			
	Digital Audio Out			
		PCM		
		OFF		
		Dolby Digital		
Closed Caption				
	Analog Closed Caption	CC1~CC4 、 OFF		
	Digital Closed Caption	Service 1~Service 6 、 OFF		
	Digital Caption			

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
	Style			
		As Broadcaster		
		Custom		
			Font Size	
				Lagрге
				Small
				Medium
			Font Color	
				Black
				White
				Green
				Blue
				Red
				Cyan
				Yellow
				Magenta
			Font Opacity	
				Solid
				Translucent
				Transparent
			Background	

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
			Color	
				Black
				White
				Green
				Blue
				Red
				Cyan
				Yellow
				Magenta
			Background Opacity	
				Solid
				Translucent
				Transparent
			Window Color	
				Black
				White
				Green
				Blue
				Red
				Cyan
				Yellow

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
				Magenta
			Window Opacity	
				Solid
				Translucent
				Transparent

**\* HDMI and Component 720p/1080i/1080p inputs do not support Panoramic.**

DTV Menu

DTV Menu				
A.DTV Tuner Setup				
	a.Time Zone			
		1.Hawaii		
		2.Eastern Time		
		3.Indiana		
		4.Central Time		
		5.Mountain Time		
		6.Arizona		
		7.Pacific Time		
		8.Alaska		
	b.Cable/Air/Auto			
	c.Scan****			
	d.Manual Scan****			
		Scan mode		
			Add-on Mode	
			Range Mode	
				From Channel
				To Channel
	e.Channel Skip			
	f.Digital Audio Out			

DTV Menu				
		1.PCM		
		2.OFF		
		3.Dolby Digital		
B.Closed Caption				
	a.Analog Closed Caption	CC1~CC4、 OFF		
	b.Digital Closed CAPTION	Service1~Service6、 OFF		
	c.Digital Closed Style			
		1.As Broadcaster		
		2.Custom		
			(1)Font Size	
				Large
				Small
				Medium
			(2)Font Color	
				Black
				White
				Green
				Blue
				Red



DTV Menu				
				Cyan
				Yellow
				Magenta
			(3)Font Opacity	
				Solid
				Translucent
				Transparent
			(4)Background Color	
				Black
				White
				Green
				Blue
				Red
				Cyan
				Yellow
				Magenta
			(5)Background Opacity	
				Solid
				Translucent
				Transparent
			(6)Window Color	

DTV Menu				
				Black
				White
				Green
				Blue
				Red
				Cyan
				Yellow
				Magenta
			(7)Window Opacity	
				Solid
				Translucent
				Transparent
Parental control				
	C. Password			
		Channel Block		

\* HDMI and Component 720P/1080i inputs do not support Panoramic.

\*\*See below for detailed information regarding the PIP sources.

MAIN \ SUB	DT	TV	AV1	AV2	Component 1	Component 2	RG	HDMI 1	HDMI 2
	V						B		
DTV			✓	✓	✓	✓	✓	✓	✓
TV			✓	✓	✓	✓	✓	✓	✓
AV1	✓	✓		✓	✓	✓	✓	✓	✓
AV2	✓	✓	✓		✓	✓	✓	✓	✓
Component 1	✓	✓	✓	✓		✓	✓	✓	✓
Component 2	✓	✓	✓	✓	✓		✓	✓	✓
RGB	✓	✓	✓	✓	✓	✓		✓	✓
HDMI 1	✓	✓	✓	✓	✓	✓	✓		✓
HDMI 2	✓	✓	✓	✓	✓	✓	✓	✓	

Remark :

- (1) “✓” – Indicates which inputs are available for PIP and POP modes.
- (2) For AV1 and AV2, S-Video has priority. If a signal is connected to AV1 S-Video by itself or signals are connected to AV1 S-Video and AV1 Video simultaneously, then S-Video will be the only choice for AV1. If a signal is connected to AV1 Video only, then Video will be the only choice for AV1. The same input priority scheme applies to AV2.

\*\*\* When Speakers off

\*\*\*\* Do Scan or Manual Scan function, it maybe spend several minutes is normal. It depends on channels and area.

## Chapter 4 Factory preset timings

---

This timing chart is already preset for this plasma monitor.

PC analog preset modes

Mode No.	Resolution	Refresh Rate (Hz)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Horizontal Sync Polarity (TTL)	Vertical Sync Polarity (TTL)	Pixel Rate (MHz)	Remark
1	640x480	60	31.5	59.94	N	N	25.175	Windows
2	640x480	75	37.5	75.00	N	N	31.500	Windows
3	800x600	60	37.9	60.317	P	P	40.000	Windows
4	800x600	75	46.9	75	P	P	49.500	Windows
5	800x600	85	53.7	85.06	P	P	56.250	Windows
6	1024x768	60	48.4	60.01	N	N	65.000	Windows
7	1024x768	70	56.5	70.07	N	N	75.000	Windows
8	1024x768	75	60.0	75.03	P	P	78.750	Windows
9	◎1366X768	60	47.7	60.00	P	N	85.500	Windows
10	1280X1024	60	63.98	60.02	P	P	108.000	Windows

**Remark: P: positive, N: negative    ◎1366x768 @60 Hz: Primary**

---

HD video digital preset modes at HDMI

Mode No.	Resolution
1	480i
2	480p
3	720p
4	1080i
5	1080p

HDMI digital preset modes at DVI

through HDMI interface by an optional interface cable below video input.

Video input

Mode No.	Resolution
1	480i
2	480p
3	720p
4	1080i
5	1080p

# Chapter 5 Pin Assignment

---

## (1) RF Connector

### INTERMEDIATE FREQUENCIES

DIGITAL SYSTEM	ATSC
Center Frequency	44.00

ANALOGUE SYSTEM	M
Picture carrier	45.75
Colour	42.17
Sound	41.25

### CHANNEL COVERAGE

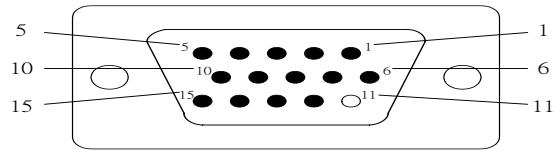
BAND (Digital)	FREQUENCY (MHz)
Low band	57 to 159 MHz
Mid band	166 to 441 MHz
High band	447 to 857 MHz

BAND (Analogue)	FREQUENCY (MHz)
Low band	55.25 to 157.25 MHz
Mid band	163.25 to 439.25 MHz
High band	445.25 to 855.25 MHz (Note 1)

Note 1: Sufficient margin is available to tune up to 858.25 MHz

## (2) RGB Connector

- a. Type: Analog
- b. Frequency: H: 30-80KHz V: 60-85Hz
- c. Signal level: 0.7Vp-p
- d. Impedance: 75Ω
- e. Synchronization H/V separate sync: TTL  
H/V composite sync: Sync on Green TTL
- f. Video bandwidth: 135MHz
- g. Connector type: 15-pin D-Sub, female



Pin	Pin Assignment	Pin	Pin Assignment
1	Red video input	9	+5V
2	Green video input	10	Ground
3	Blue video input	11	No connection
4	Ground	12	(SDA)
5	Ground	13	Horizontal sync (Composite sync)
6	Red video ground	14	Vertical sync
7	Green video ground	15	(SCL)
8	Blue video ground		

(3) HDMI Connector

- a. Frequency: H: 15.734KHz V: 60Hz
  - H: 31KHz V: 60Hz
  - H: 45KHz V: 60Hz
  - H: 33KHz V: 60Hz
  - H: 67.5KHz V: 60Hz
- b. Polarity: Positive or Negative
- c. Type: Type A
- d. Pin Assignment: Please see below .



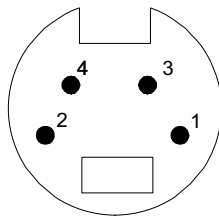


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(4) RCA-type (Yellow) Composite Video Connector

- a. Frequency: H: 15.734KHz RCA jack (NTSC)
- b. Signal level: 1Vp-p V: 60Hz 0.3V below Video  
(Y+C)
- c. Impedance: 75Ω Sync (H+V):
- d. Connector type: RCA jack

(5) S-Video Connector



- 1, 2 = GND
- 3 = Luminance (Y)
- 4 = Chrominance (C)

- a. Frequency: H: 15.734KHz V: 60Hz (NTSC)
- b. Signal level: Y: 1Vp-p C: 0.286Vp-p
- c. Impedance: 75Ω
- d. Connector type: 4-pin mini DIN

(6) Y-Cb/Pb-Cr/Pr Component video signal

- a. Frequency: H: 15.734KHz V: 60Hz (NTSC-480i)
- H: 31KHz V: 60Hz (NTSC-480p)
- H: 45KHz V: 60Hz (NTSC-720p)
- H: 33KHz V: 60Hz (NTSC-1080i)
- H: 67.50KHz V: 60Hz (NTSC-1080p)

- 
- b. Signal level: Y: 1Vp-p Pb:  $\pm 0.350\text{Vp-p}$  Pr:  $\pm 0.350\text{Vp-p}$
  - c. Impedance:  $75\Omega$
  - d. Connector type: RCA jack

(7) PC audio in

- a. Signal level: 1Vrms
- b. Impedance:  $47\text{K}\Omega$
- c. Connector type: 3.5  $\phi$  mini jack

(8) Video audio in

- a. Signal level: 0.7Vrms
- b. Impedance:  $47\text{K}\Omega$
- c. Frequency Response: 20Hz-20KHz
- d. Connector type: RCA L/R:

(9) SPDIF Digital Audio Out (Optical)

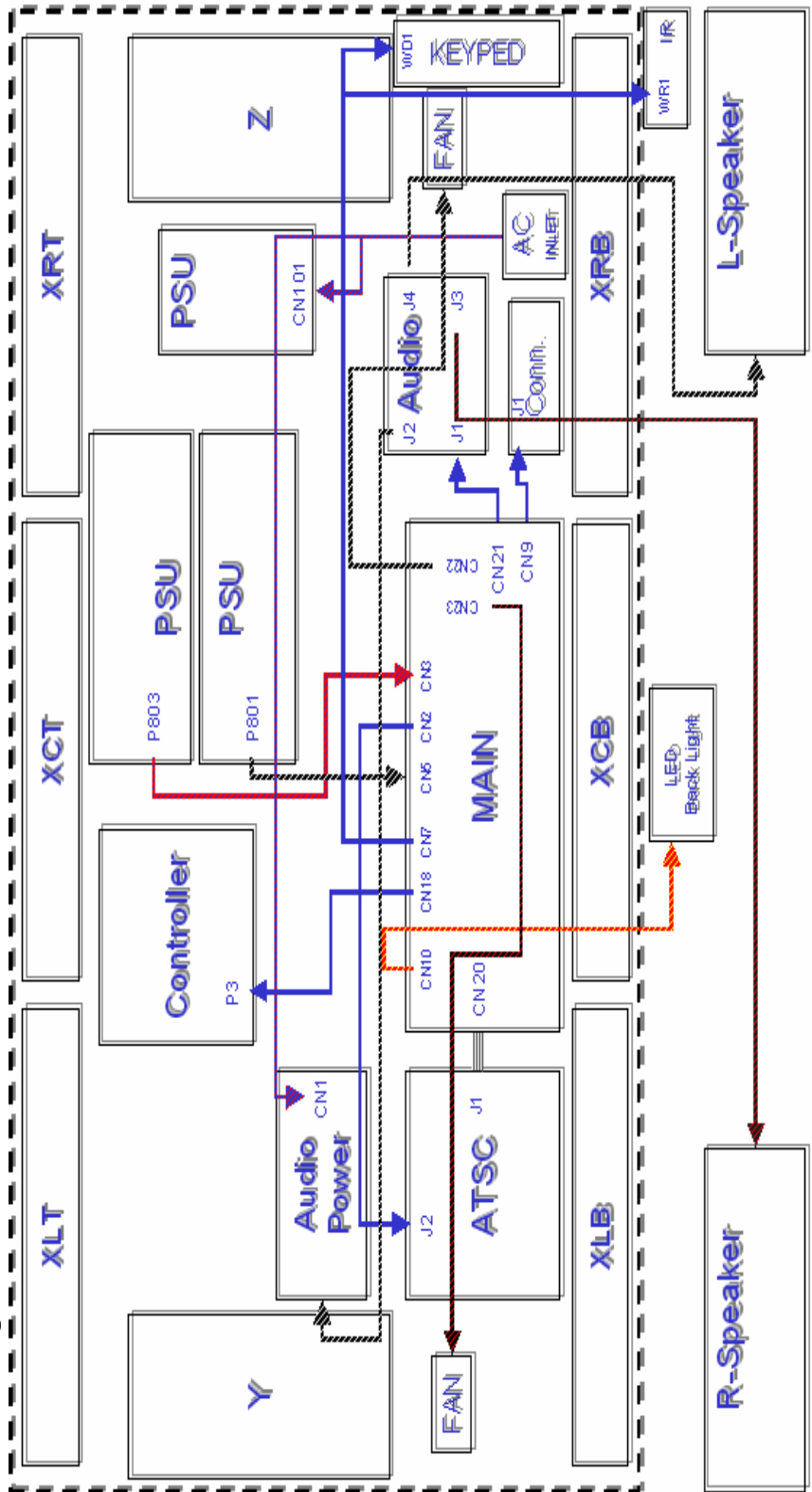
- a. Peak emission wave length: 630 – 690  $\mu\text{m}$
- b. Transmission Speed: 13.2M pbs
- c. Connector type: Optical fiber transmitter

(10) Audio output

- a. Signal level: 0.7Vrms
- b. Impedance:  $100\Omega$
- c. Frequency Response: 20Hz-20KHz
- d. Connector type: RCA L/R:

# Chapter 6    Block Diagram

System Block Diagram



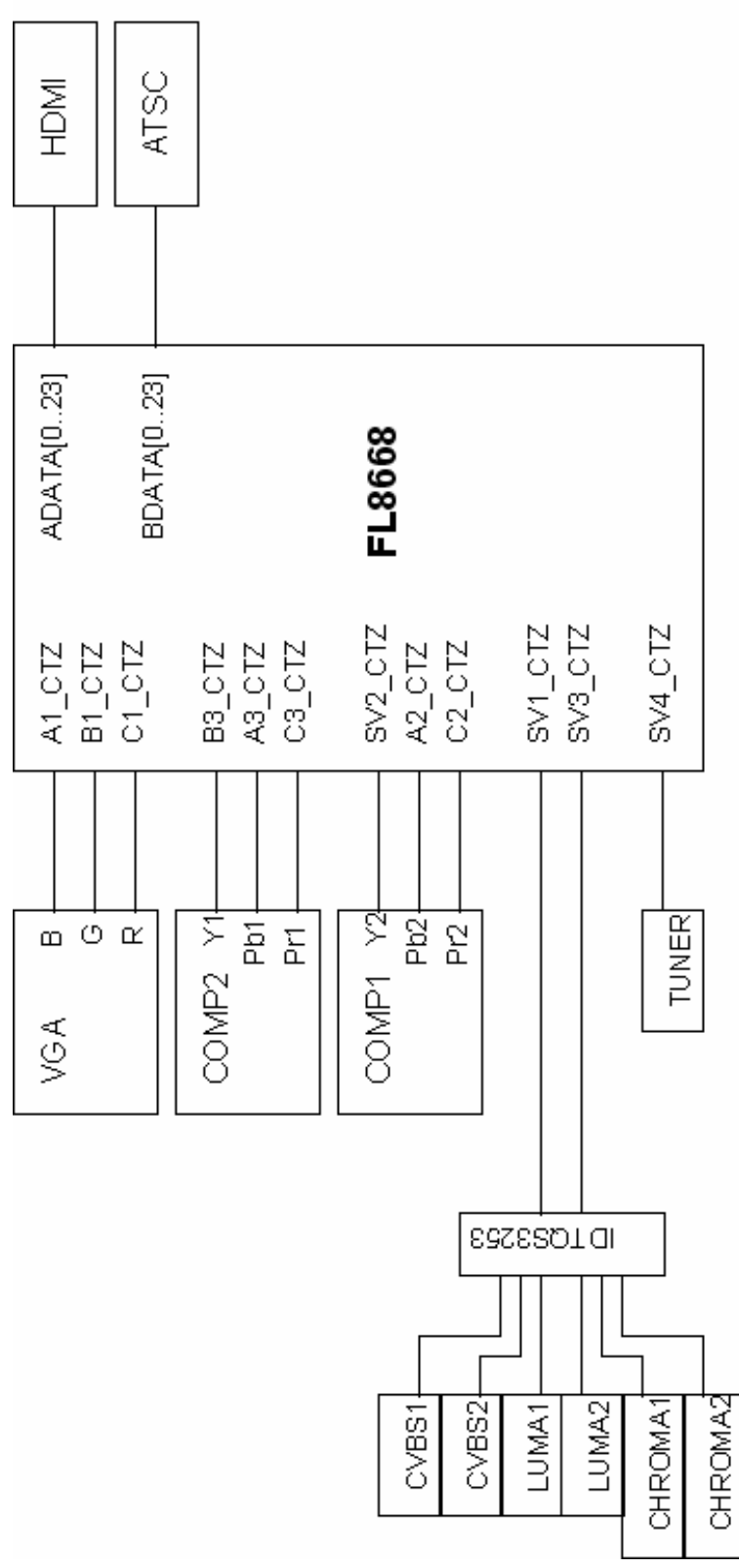
---

The TV system block diagram is powered by power board that transforms AC source of 100V~240V AC +/- 10% @ 50/60 HZ into DC 5Vsb, 5V & 12V source. The main board receives different types of video signal into the FLI8668 IC. Afterward, the FLI8668 IC process the signals control the various functions of the monitor and outputs control signal, video signal and power to the 60" LGE panel to be displayed.

The analog video signals are processed in the panel and the outcome determines the brightness, pixel on/off and the color displayed on the panel. The signals of S-video, YPbPr, TV, PC and A/V all video signals are translated from analog signals into FLI8668 generates the vertical and horizontal timing signals for display device.

The analog audio of s-video, YPbPr, TV, PC and A/V is transmitting to the BBE MSP4450 processed. The purpose is process the input audio signal to control volume, bass, treble, surround, and balance. The HDMI video and audio is must transmitting to Sil9025 processed then TMDS signal to the FLI8668 generates the vertical and horizontal timing signals for display device.

# **Video Block Diagram**





## Chapter7 Main Board I/o Connections

---

### CN3 Connection (Power)

Pin	Description
1	"PDP_+5V"
2	"PDP_+5V"
3	"PDP_+5V"
4	"GND"
5	"GND"
6	"GND"
7	"PDP_+12V"
8	"PDP_+12V"
9	"GND"
10	"GND"

### CN5 Connection (Standby Power)

Pin	Description
1	"PDP_+5Vsb"
2	"GND"
3	"VS_ON"
4	"PS_ON"
5	"BRIGHT"

---

CN2 Connection (ATSC Power)

Pin	Description
1	"GND"
2	"GND"
3	"GND"
4	"+12V_SW"
5	"+12V_SW"

CN10 Connection (LED Power)

Pin	Description
1	"+5VSB"
2	"WHITE"
3	"AMBER"

CN22, CN23 Connection (FAN Power)

Pin	Description
1	"GND"
2	NC
3	"FAN_VCC"



---

CN9 Connection (Side Jack)

Pin	Description
1	“CVBS1”
2	“+5V”
3	“AudioAV1_R”
4	“+5V”
5	“AudioAV1_L”
6	“GND”
7	“CVBS2”
8	“GND”
9	“AudioAV2_R”
10	“GND”
11	“AudioAV2_L”
12	“GND”
13	“LUMA1”
14	“LUMA2”
15	“CHROMA1”
16	“CHROMA2”

---

#### CN21 Connection (Audio)

Pin	Description
1	"AUDIO_AMP_R"
2	"GND"
3	"AUDIO_AMP_L"
4	"MUTE_AMP"
5	"AUDIO_SUB"
6	"AUDIO_ON"
7	"SPDIF_OUT_AU"
8	"GND"
9	"AUDIO_TX"
10	"AUDIO_RX"
11	" +12V"
12	" +5V"

---

### CN18 Connection (LVDS)

Pin	Description	Pin	Description
1	"GND"	16	"GND"
2	"TXA3+"	17	"PS_ON"
3	"TXA3-"	18	"GND"
4	"GND"	19	"VS_ON"
5	"TXAC+"	20	"GND"
6	"TXAC-"	21	I2C_READY
7	"GND"	22	"GND"
8	"TXA2+"	23	"MSTR0_SCL"
9	"TXA2-"	24	"MSTR0_SDA"
10	"TXA1+"	25	"GND"
11	"TXA1-"	26	NC
12	"TXA0+"	27	"LVDSVDD"
13	"TXA0-"	28	"LVDSVDD"
14	"TXB3+"	29	"LVDSVDD"
15	"TXB3-"	30	"LVDSVDD"
		31	"LVDSVDD"

---

CN20 Connection (ATSC Signal)

Pin	Description	Pin	Description
1	"GND"	29	"BDATA13"
2	"ATSC_SPDIF"	30	"BDATA12"
3	"SIF_Tuner"	31	"GND"
4	"NTSC_Tuner"	32	"BDATA11"
5	"Tuner_SW"	33	"BDATA10"
6	"GND"	34	"BDATA9"
7	"SDA_5V"	35	"BDATA8"
8	"SCL_5V"	36	"GND"
9	"ATSC_RDY"	37	"BDATA7"
10	"ATSC_RST"	38	"BDATA6"
11	"GND"	39	"BDATA5"
12	"IPCLK1"	40	"BDATA4"
13	"BDE"	41	"GND"
14	"BVS"	42	"BDATA3"
15	"BHS"	43	"BDATA2"
16	"GND"	44	"BDATA1"
17	"BDATA23"	45	"BDATA0"
18	"BDATA22"	46	"GND"
19	"BDATA21"	47	"A_SDATA0"
20	"BDATA20"	48	"A_LRCK"
21	"GND"	49	"A_BCK"
22	"BDATA19"	50	"A_MCLK"
23	"BDATA18"	51	"GND"
24	"BDATA17"	52	"ATSC_RX"
25	"BDATA16"	53	"ATSC_TX"
26	"GND"	54	NC
27	"BDATA15"	55	NC
28	"BDATA14"		

---

#### CN7 Connection (Keypad)

Pin	Description
1	"LED2_KEYPAD"
2	"+5VSB"
3	"IR"
4	"ADC_IN2"
5	"GND"
6	"+3.3V_LBADC"
7	"LBADC_RETURN"
8	"ADC_IN1"
9	"LED1_KEYPAD"
10	"GND"
11	"PWR_KEY"
12	"+5V"

# Chapter 8 Theory of Circuit Operation

## The operation of user interface

The following diagram provides a brief overview of the user-interactive components of the firmware.

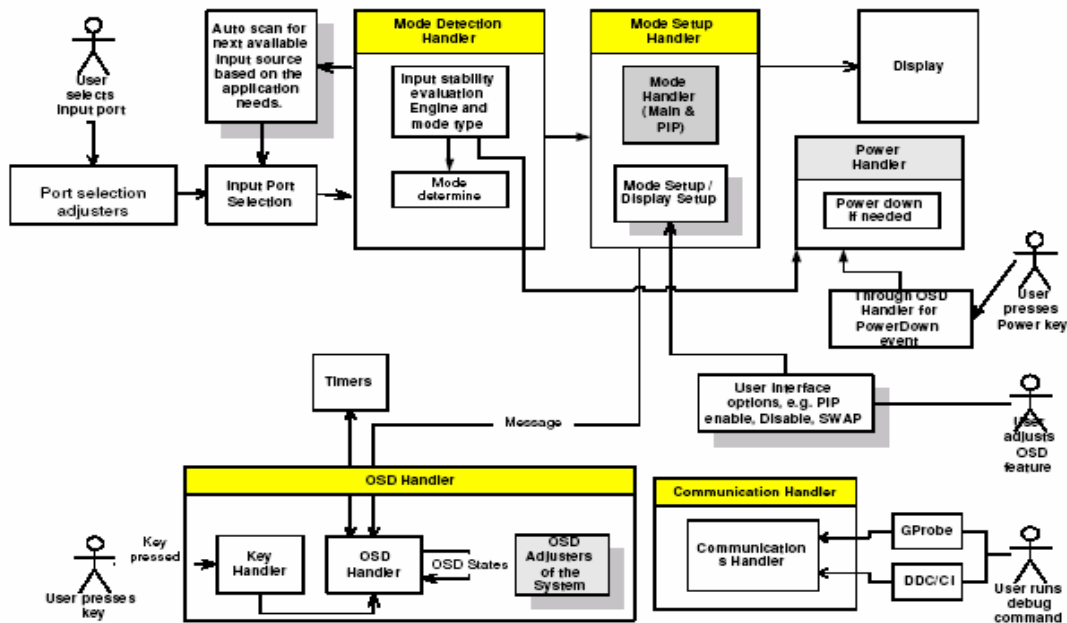


Figure 8-1 User Interface Block Diagram

## The operation of keypad

There are 7 keys to control and select the function. They are “Power, MENU, SET+, SET-, VOL+, VOL-, INPUT” keys.

- 1.The power key controls video processor FLI8668, FLI8668 will receive a low/ high signal to turn on/ off system while press the power key.
- 2.The other six keys are on high state because the pull up resistor but will transit to low state dependent on which key pressed, and the state will be reader by FLI8668 through internalADC to act corresponding function.

## The operation of video processor FLI8668

The Genesis Microchip FLI8668 offers high integration for advanced, dual-channel applications of Picture-in-Picture (PiP) and Picture-by-Picture (PBP). Two video decoders with 3D comb filters and two channels of DCDi processing provide the highest quality picture for a two-channel application.

The integrated VBI dataslicer and decoder remove the need for external counterparts resulting in significant cost reduction. The FLI8668 supports many worldwide VBI standards for applications of Teletext, Closed Captioning, V-Chip, and other VBI services.

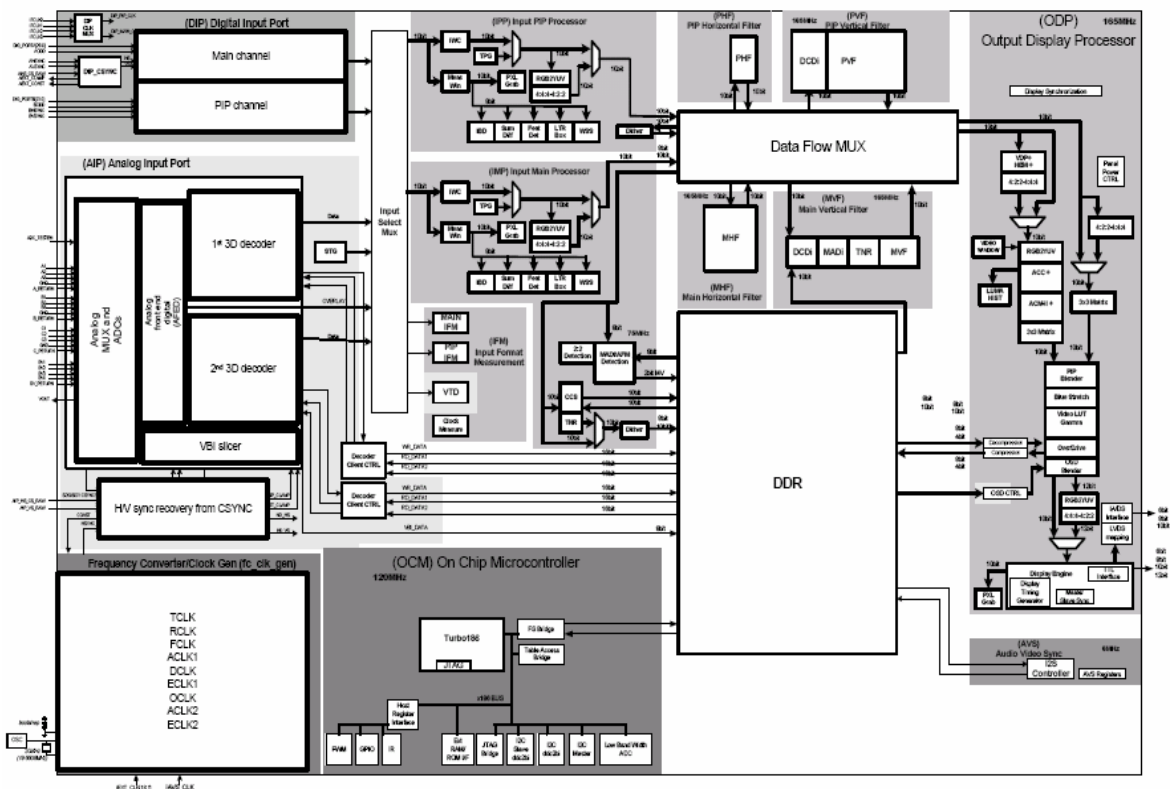


Figure 8-2 FLI8668 Block Diagram

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## Clock Generation

The FLI8668 features six clock inputs. All additional clocks are internal clocks derived from one or more of these:

1. Crystal Input Clock (TCLK and XTAL). This is the input pair to an internal crystal oscillator and corresponding logic. A 19.6608MHz TV crystal is recommended for best noise immunity with the 3D decoder. Alternatively, a single-ended TTL/CMOS clock oscillator can be driven into the TCLK pin (leave XTAL as N/C in this case). If an external crystal is being used, connect a 10K $\Omega$  pull-up to OCMADDR\_19. See Figure 8-3 Resetn Ball Behavior.

2. Digital Input Video/Graphics Clocks (IPCLK0, IPCLK1, IPCLK2 and IPCLK3)

3. Audio Delay Clock (AVS\_CLK)

The FLI8668 TCLK oscillator circuitry is a custom-designed circuit to support the use of an external oscillator or a crystal resonator to generate a reference frequency source for the FLI8668 device.

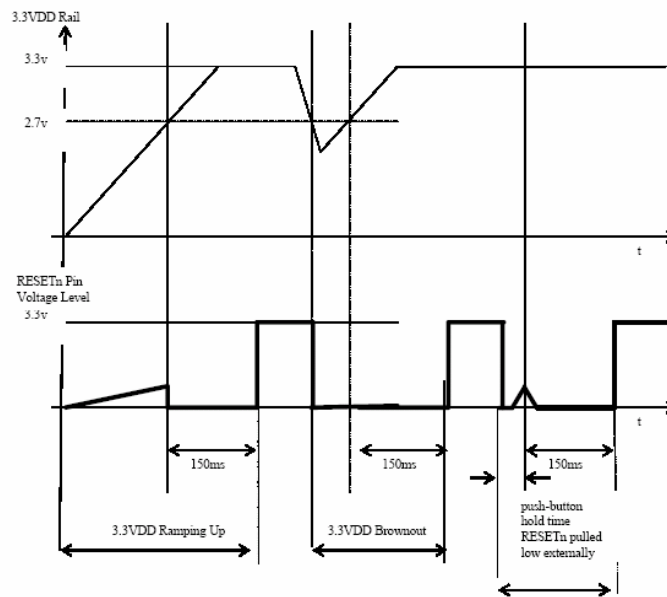


Figure 8-3 Resetn Ball Behavior



## Analog Front End (AFE)

The FLI8668 chip has a flexible Analog Front End (AFE) with 13 configurable inputs. These 13 inputs can be shared across two configurable paths: V1 and V2. Either of these paths can be used as Main or PIP channels. The 13 configurable inputs can be routed through an analog multiplexer before the Analog to Digital Converters (ADCs) and decoders in V1 and V2. These integrated features eliminate the need for any device between the input connector and the Analog input pin of the FLI8668 beyond de-coupling capacitors.

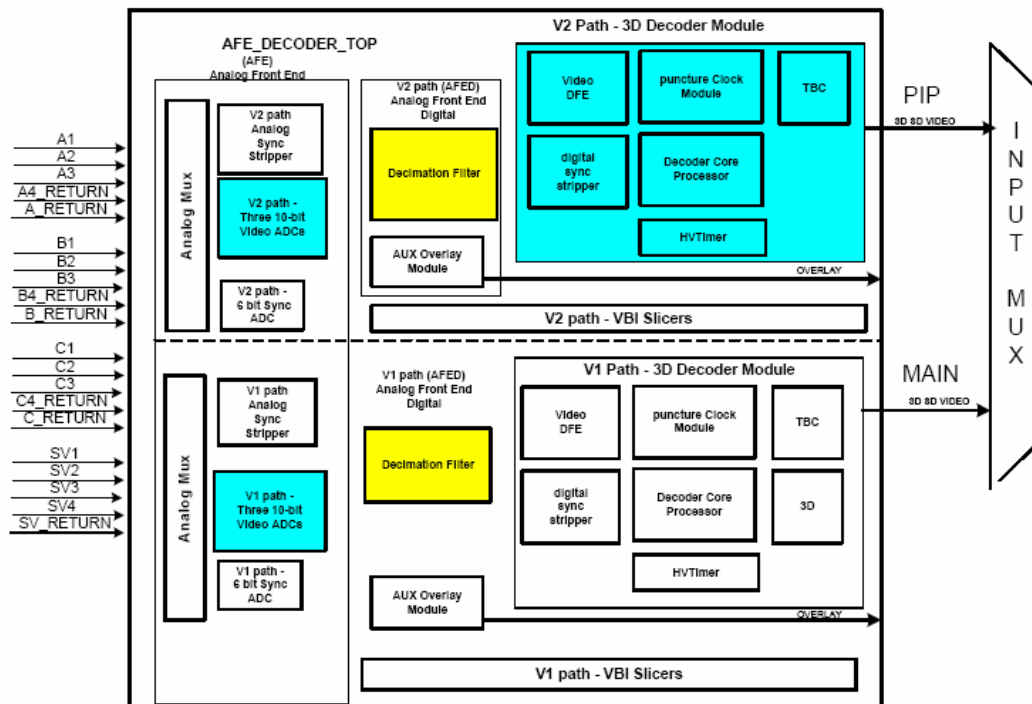


Figure 8-4 Analog Front End

The figure above depicts the data path for the AFE and decoder blocks on V1 and V2 paths in FLI8668. The data path selects whether the data follows the Main Video Channel or PIP video channel.

---

## Digital input port

The Digital Input Port is a 48-bit data input with flexible configuration to support a wide range of digital sources. It consists of two 24-bit ports (PORTA and PORTB), two sets of control signals (VS, HS, ODD, etc.), and 4 input clocks. Up to 4 different inputs are supported as long as at least 2 of these inputs are 8-bit CCIR656. The digital input port can also be configured to support one 30-bit input with a second 16-bit input port.

PORTA also includes optional signals (DIP\_EXT\_CLAMP, DIP\_EXT\_COAST, DIP\_CLEAN\_HS\_OUT) for interfacing to external ADC/PLL devices. These signals are not present on PORTB. Bits 7 to 0 of PORTA can be configured as a bidirectional interface for media card applications.

Inputs to the digital input port are TTL compatible with a maximum clock speed of 165MHz. Sync and clock polarity are programmable.

Due to pin sharing, PORTB is not available when using 48-bit double-wide TTL output to the panel.

The following digital video formats are supported by the FLI8668 digital video graphic port:

- ITU-BT-656
- 8-bit 4:2:2 YCbCr or YPbPr
- 16-bit 4:2:2 YCbCr or YPbPr
- 20-bit 4:2:2 YCbCr or YPbPr
- 24-bit 4:4:4 YCbCr or YPbPr
- 30-bit 4:4:4 YCbCr or YPbPr
- 24-bit RGB
- 30-bit RGB

---

## Digital input port configuration

The Digital Input Port offers flexible mapping of the input busses for PORTA and PORTB and allows individual Bus Flipping (MSB to LSB) for each group of 8- or 10-bit inputs. The purpose of this flexible mapping is to ease the circuit board design when interfacing to other devices.

MODE	INPUT BUS	DIP_XX_BUS_SWAP					
		"000"	"001"	"010"	"011"	"100"	"101"
30-bit RGB	DATA[9:0]	Green	Green	Blue	Blue	Red	Red
	DATA[19:10]	Blue	Red	Green	Red	Green	Blue
	DATA[29:20]	Red	Blue	Red	Green	Blue	Green
30-bit YUV	DATA[9:0]	Y	Y	U	U	V	V
	DATA[19:10]	U	V	Y	V	Y	U
	DATA[29:20]	V	U	V	Y	U	Y
20-bit YUV	DATA[9:0]	Y	Y	UV	UV		
	DATA[19:10]	UV		Y		Y	UV
	DATA[29:20]		UV		Y	UV	Y
10-bit YUV	DATA[9:0]					YUV	YUV
	DATA[19:10]		YUV		YUV		
	DATA[29:20]	YUV		YUV			

Figure 8-5 Input DATA bus assignment

---

## LVDS Transmitter

Two LVDS channels (A and B) are available on the output of the FLI8668 to transmit data and timing information to the display device.

FLI8668 directly drives the standard LVDS interface panels, supporting all standard data formats—single and dual bus, 18- or 24-bit data output. The 24-bit data may be mapped as either standard receiver formats. The following diagrams illustrate the RGB, HSync, VSync and Data Enable signal mapping in a single bus output configuration. For dual bus output, the only difference is that the even bus contains only the "even" pixels and the odd bus contains only the "odd" pixels with the data clock at DCLK/2.

The following diagram shows the available LVDS mapping for 8-bit LVDS output which is applying to PDP panel spec:

### 8-bit LVDS Output

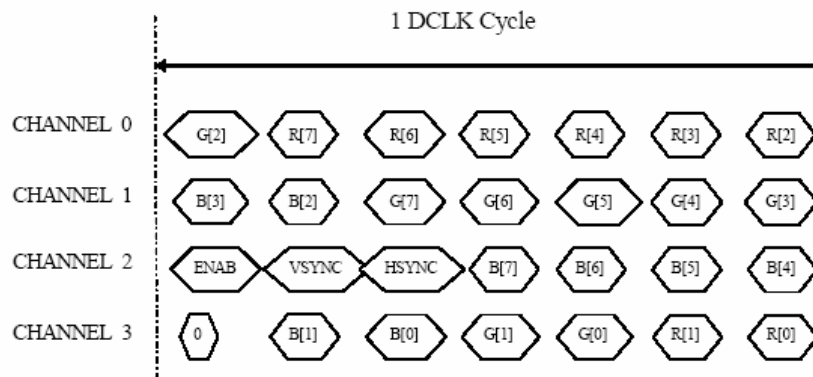


Figure 8-6 Data Mapping For LVDS Output In 8-BIT Configuration With EIGHT\_BIT\_MODE\_SEL=0

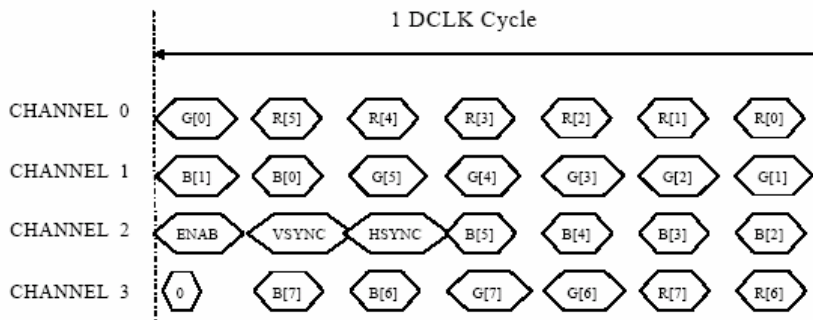


Figure 8-7 Data Mapping For LVDS Output In 8-BIT Configuration With EIGHT\_BIT\_MODE\_SEL=1

---

## On Chip Microcontroller (OCM)

The FLI8668 on-chip microcontroller (OCM) serves as the system microcontroller. It programs the FLI8668 and manages other devices in the system such as the keypad and non-volatile RAM (NVRAM) using general-purpose input/output (GPIO) pins. The OCM can address a 22-bit address space to utilize 4 MB external ROM.

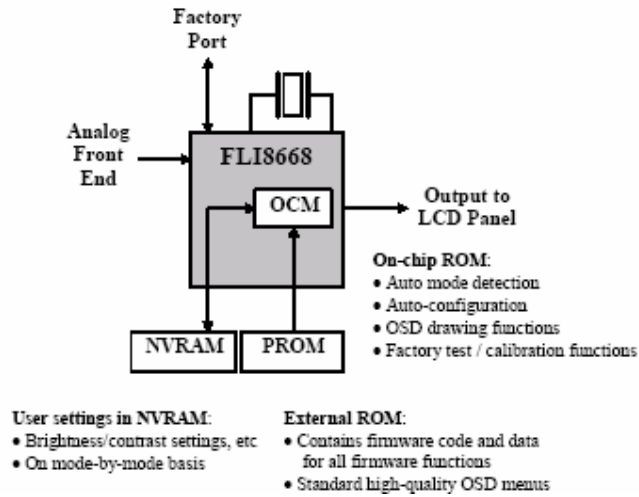


Figure 8-8 OCM External Master

The OCM executes a firmware program running from external ROM, as well as driver-level (or Application Programming Interface – API) functions residing in internal ROM. This is illustrated above. A parallel port with separate address and data busses is available for this purpose. This port connects directly to standard, commercially available ROM or programmable Flash ROM devices in either 8 or 16-bit configurations. External Flash-ROM memory requirements range from 512Kbytes to 4Mbytes depending on the application.

Both firmware and OSD content must be compiled into a HEX file and then loaded onto the external ROM. The OSD content is generated using Genesis Workbench. Genesis Workbench is a GUI-based tool for defining OSD menus, navigation, and functionality; this is illustrated in Figure 8-9 Programming the OCM shown below.

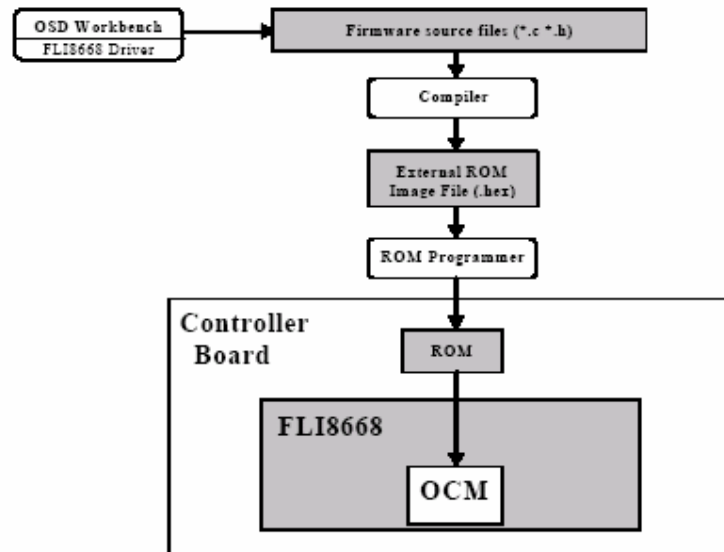


Figure 8-9 Programming The OCM

---

## Two-Wire master serial protocol

The two-wire protocol consists of a serial clock MSTR\_SCL and bi-directional serial data line MSTR\_SDA. The FLI8668 acts as bus master and drives MSTR\_SCL and either the master or slave can drive the MSTR\_SDA line (open drain) depending on whether a read or write operation is being performed.

There are three isolated Master Serial busses, all driven by a common Master Serial Controller.

These busses can be independently taken “off-line” or pulled up to different voltages without affecting the other busses.

The two-wire protocol requires each slave device to be addressable by a 7-bit identification number.

A two-wire data transfer consists of a stream of serially transmitted bytes formatted as shown in the figure below. A transfer is initiated (START) by a high-to-low transition on MSTR\_SDA while MSTR\_SCL is held high. A transfer is terminated by a STOP (a low-to-high transition on MSTR\_SDA while MSTR\_SCL is held high) or by a START (to begin another transfer).

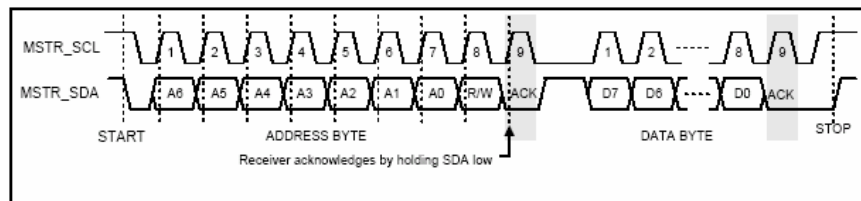


Figure 8-10 Two-Wire Protocol Data Transfer

Each transaction on the MSTR\_SDA is in integer multiples of 8 bits (i.e. bytes). The number of bytes that can be transmitted per transfer is unrestricted. Each byte is transmitted with the most significant bit (MSB) first. After the 8 data bits, the master releases the MSTR\_SDA line and the receiver asserts the MSTR\_SDA line low to acknowledge receipt of the data. The master device generates the MSTR\_SCL pulse during the acknowledge cycle. The addressed receiver is obliged to acknowledge each byte that has been received.

---

## ADC capture window

In the horizontal direction, the capture window is defined in IP\_CLKs (equivalent to a pixel count). In the vertical direction, it is defined in lines.

All the parameters beginning with “Source” are programmed FLI8668 registers values. Note that the Input Vertical Total is determined solely by the input and is not a programmable parameter.

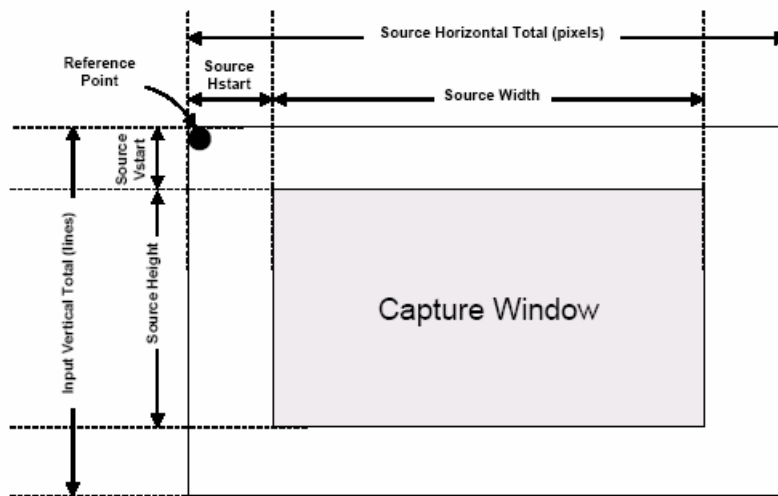


Figure 8-11 ADC Capture Window

The Reference Point marks the leading edge of the first internal HSYNC following the leading edge of an internal VSYNC. Both the internal HSYNC and the internal VSYNC are derived from external HSYNC and VSYNC inputs.

Horizontal parameters are defined in terms of single-pixel increments relative to the internal horizontal sync. Vertical parameters are defined in terms of single-line increments relative to the internal vertical sync.

For interlaced inputs, the FLI8668 may be programmed to automatically determine the field type (even or odd) from the VSYNC/HSYNC relative timing. See Input Format Measurement, Section Input Format Measurement (IFM).



---

## DCDI by faroudja video processing

The FLI8668 dual zoom/shrink scalers use an advanced scaling technique proprietary to Genesis Microchip Inc. They provide simultaneous high-quality scaling of real-time video and graphics images on both channels. An input field/frame is scalable arbitrarily in both the vertical and horizontal dimensions.

The input image is separated into three zones horizontally; left, center, and right. The center zone is scaled at a programmable fixed ratio. The left and right zones have a programmable changing scale factor that changes from left to right: see Figure 8-12 Non-linear Scaling of a 4:3 to 16:9 aspect ratio conversion. The scale ratio change can either be linear or parabolic.

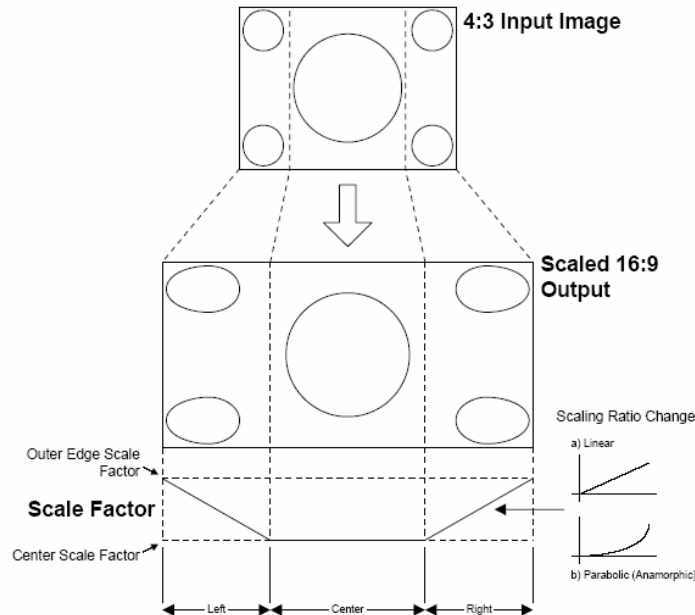


Figure 8-12 Non-linear Scaling of a 4:3 to 16:9 aspect ratio conversion

A conversion for 16:9 to 4:3 aspect ratio would use the same method with an inverse parabolic ratio for the scale factor of the left and right zones.

---

## Display output interface

The Display Output Port provides data and control signals that permit the FLI8668 to connect to a variety of display devices using a TTL or LVDS interface. The output interface is configurable for single wide LVDS in 18, 24, or 30-bit RGB pixel format in single or double-wide formats. TTL output is available in 18 or 24-bit RGB pixel formats as well as 20 and 24 4:2:2 YUV single wide formats. All display data and timing signals are synchronous with the DCLK output clock. The integrated LVDS transmitter is programmable to allow the data and control signals to be remapped to support all common LVDS receiver formats. DC balanced operation is supported as described in the Open LDI standard.

Note: If the output is 4:4:4, the width can be 30 bits (10 bit per channel) or 24 bits (8 bits per channel) and YUV is re-mappable through the 3x3 matrix. If the output is 4:2:2, the 3x3 matrix can only be used for color space conversion and there are three fixed options:

- a. 4:2:2, 8 bits per channel, outputs allocation –  $G = Y$ ,  $B = UV$
- b. 4:2:2, 10 bits per channel, outputs allocation –  $G = Y$ ,  $B = UV$
- c. 4:2:2, 12 bits per channel, outputs allocation –  $G [7:0] = Y [11:4]$ ,  $B [7:0] = UV [11:4]$ ,  $R [3:0] = UV [3:0]$ ,  $R [7:4] = Y [3:0]$

## Display timing programming

Display timing signals provide timing information so the Display Port can be connected to an external display device via a TTL or LVDS interface. Based on values programmed in registers, the Display Timing Generator produces the horizontal sync (DHS), vertical sync (DVS), and data enable (DEN) control signals. The figure below provides the registers that define the output display timing.

Horizontal values are in single-pixel increments except for the display horizontal sync end position which is in 4-DCLK increments. When the display is in double-wide mode, horizontal settings should use even numbers. Vertical values are programmed in line increments relative to the leading edge of the vertical sync signal.

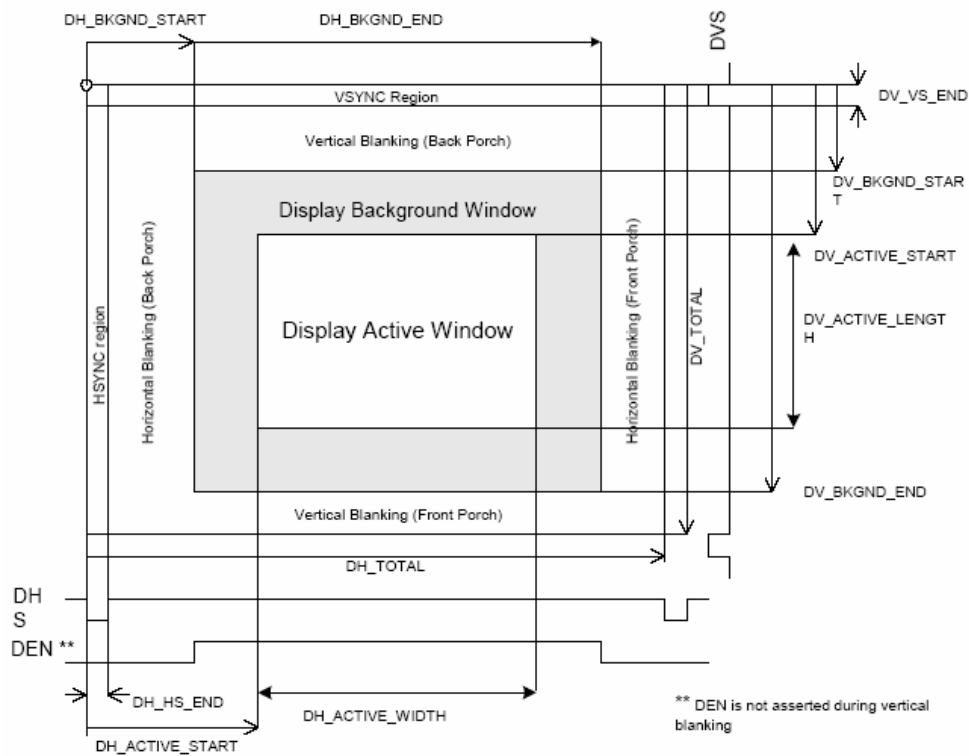


Figure 8-13 Display Windows and Timing

The Sil9025 provides a complete solution for receiving HDMI compliant digital audio and video. Specialized audio and video processing is available within the Sil9025 to easily and cost effectively add HDMI capability to consumer electronics devices such as Digital TVs, plasma displays, LCD TVs and projectors.



---

## **TMDS digital core**

The two TMDS cores perform 10-to-8-bit TMDS decoding on the audio and video data received from the three TMDS differential data lines along with a TMDS differential clock. The TMDS cores can sense a stopped clock or stopped video and put the receiver into power-down mode.

## **Active Port Detection and Selection**

Only one port may be active at a time, under control of the receiver's firmware. Active TMDS signaling may arrive at both ports, but only one will have its TMDS clock pair termination active and only one port will have its internal circuitry enabled. These states are controlled with register settings by the firmware in the display.

Other control signals are associated with the TMDS signals on each HDMI port. The +5V supply from each attached host can be monitored by the SiI9025. The microcontroller can poll registers to check on which ports are connected. The firmware also controls functional connection to one of the two E-DDC buses, enabling one while disabling the other. An attached host determines the active status of an attached HDMI device by polling the E-DDC bus to the receiver.

## Data Input and Conversion

### Mode control logic

The mode control logic determines if the decrypted data is video, audio or auxiliary information, and directs it to the appropriate logic block.

### Video data conversion and video output

The Sil9025 can output video in many different formats (see examples in Table 1). The receiver can also process the video data before it is output, as shown in Figure 8-15 Each of the processing blocks may be bypassed by setting the appropriate register bits.

Color Space	Video Format	Bus Width	HSYNC/ VSYNC	Output Clock (MHz)							Notes
				480i	480p	XGA	720p	1080i	SXGA	1080p	
RGB	4:4:4	24	Separate	27	27	65	74.25	74.25	108	148.5	
RGB	4:4:4	12	Separate	27	27	65	74.25	74.25	-	-	5
YCbCr	4:4:4	24	Separate	27	27	65	74.25	74.25	108	148.5	
YCbCr	4:4:4	12	Separate	27	27	65	74.25	74.25	-	-	5
YCbCr	4:2:2	16/20/24	Separate	27	27	—	74.25	74.25	108	148.5	
YCbCr	4:2:2	16/20/24	Embedded	27	27	—	74.25	74.25	108	148.5	1
YCbCr	4:2:2	8/10/12	Separate	27	54	—	148.5	148.5	-	-	3, 6
YCbCr	4:2:2	8/10/12	Embedded	27	54	—	148.5	148.5	-	-	1, 3, 6
Notes				2, 4	3						

Table 1. Digital Video Output Formats

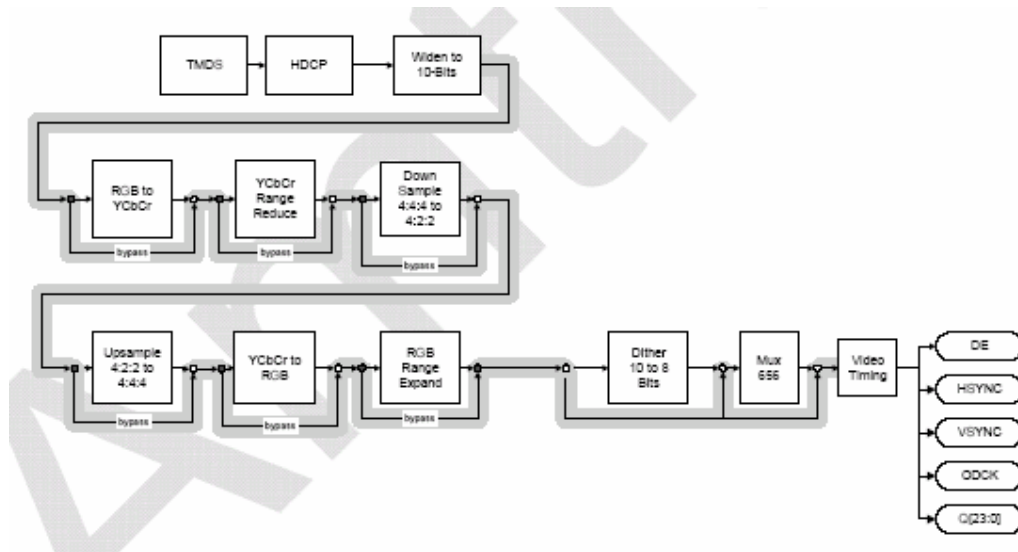
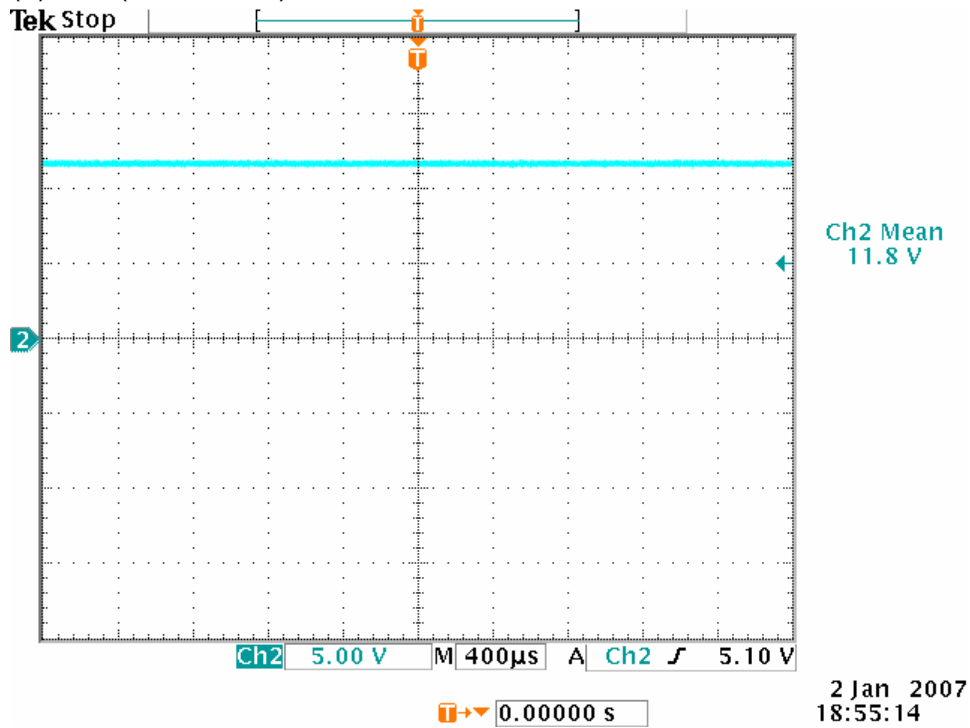


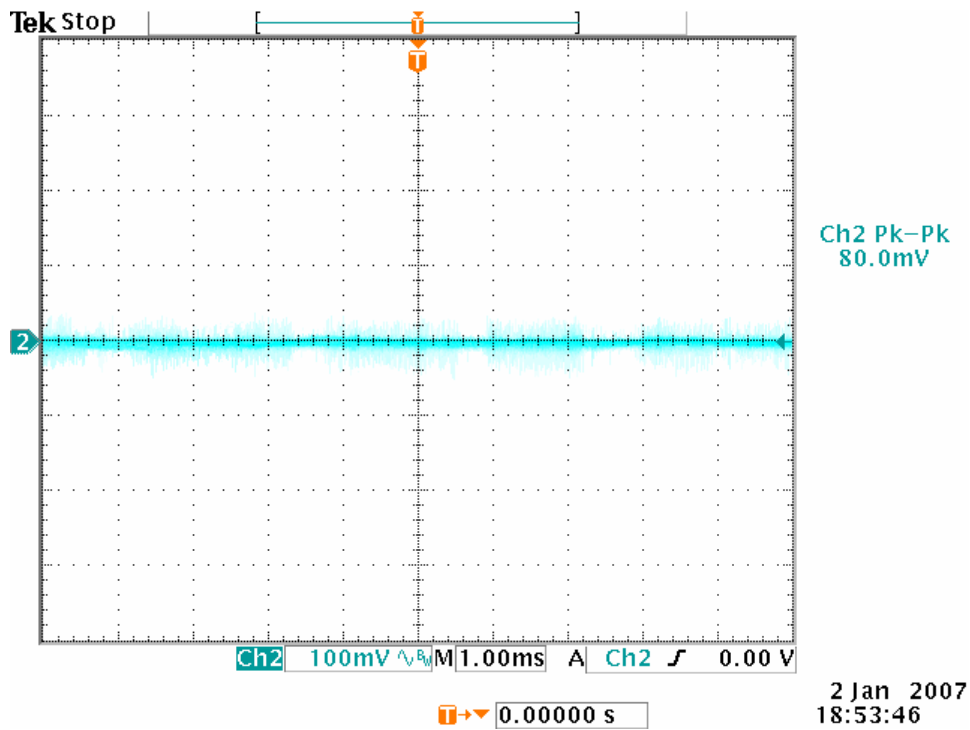
Figure 8-15 Default Video Processing Path

# Chapter 9 Waveforms

## 1. Voltage Measurement

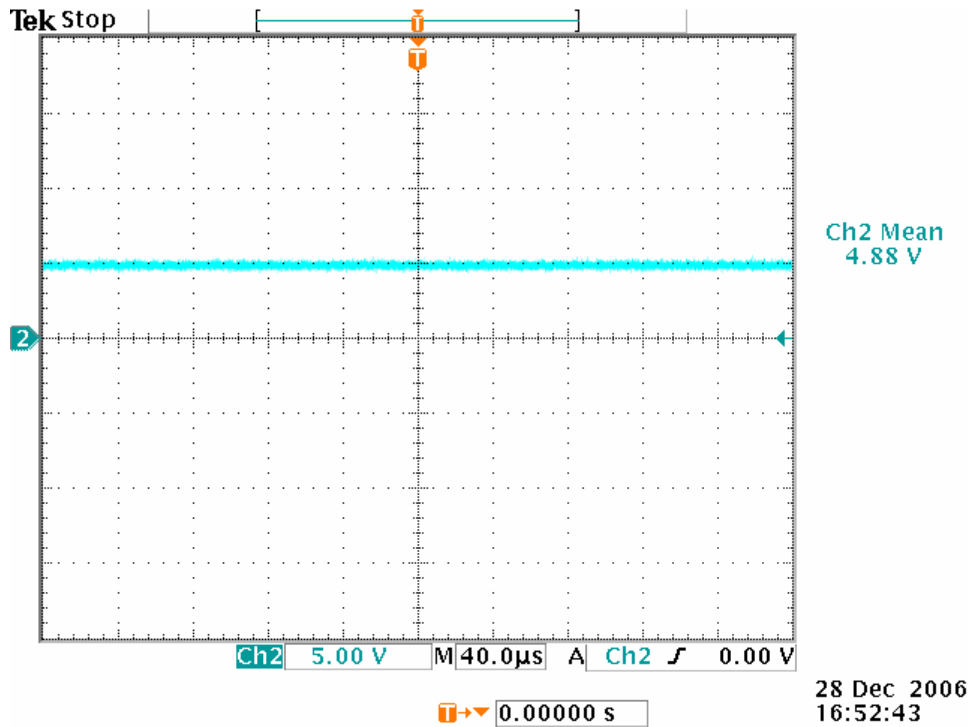
(1) 12V (+12V, U3-1)

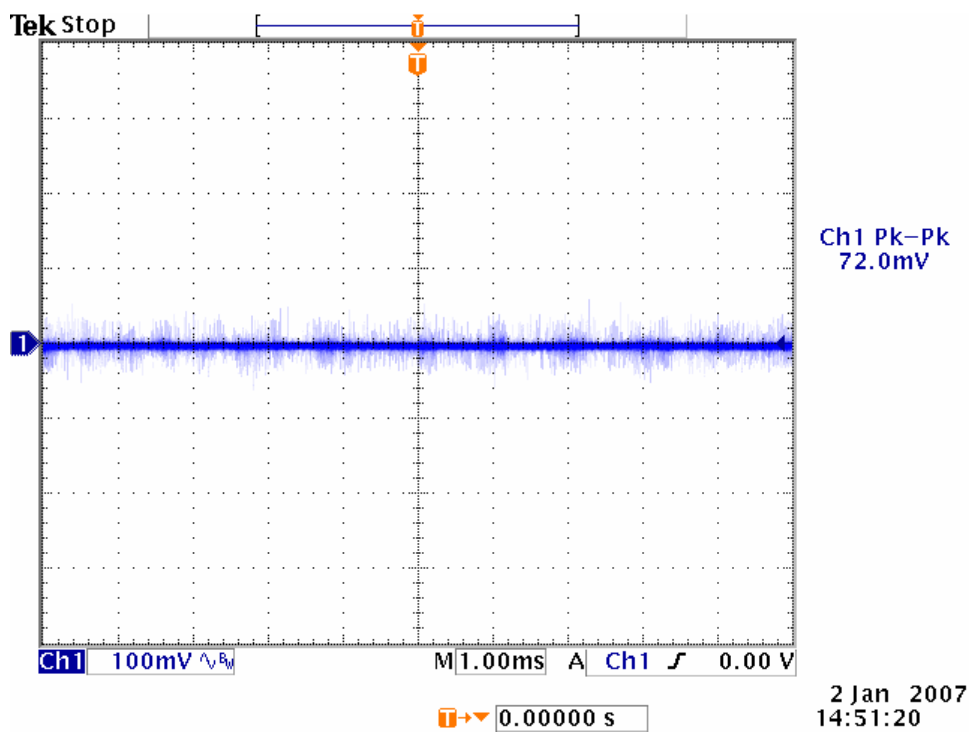




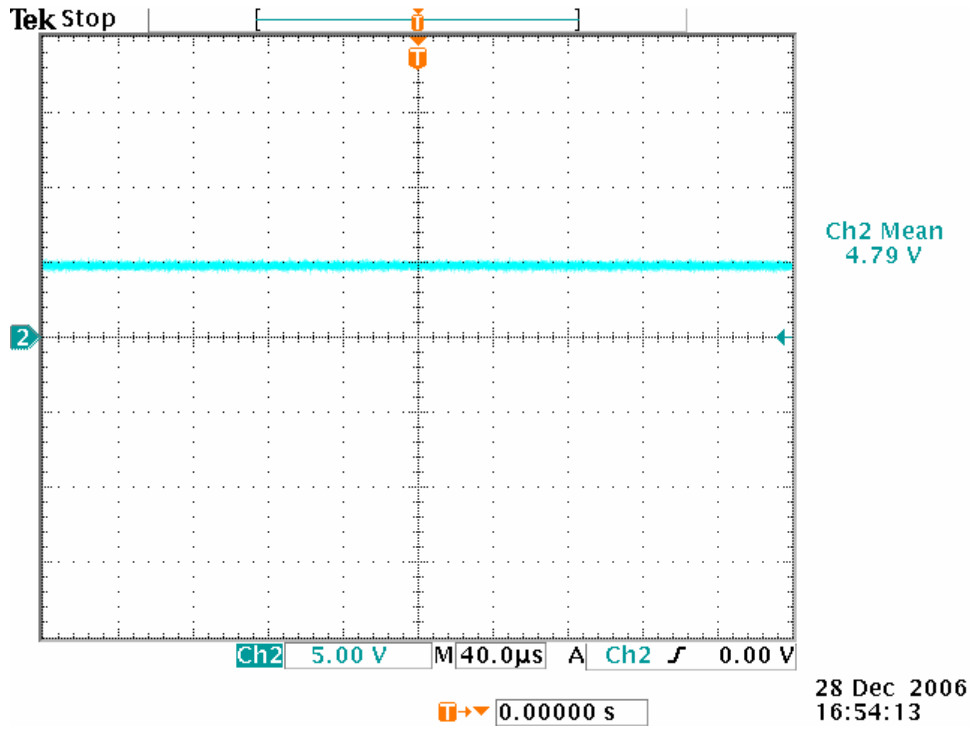


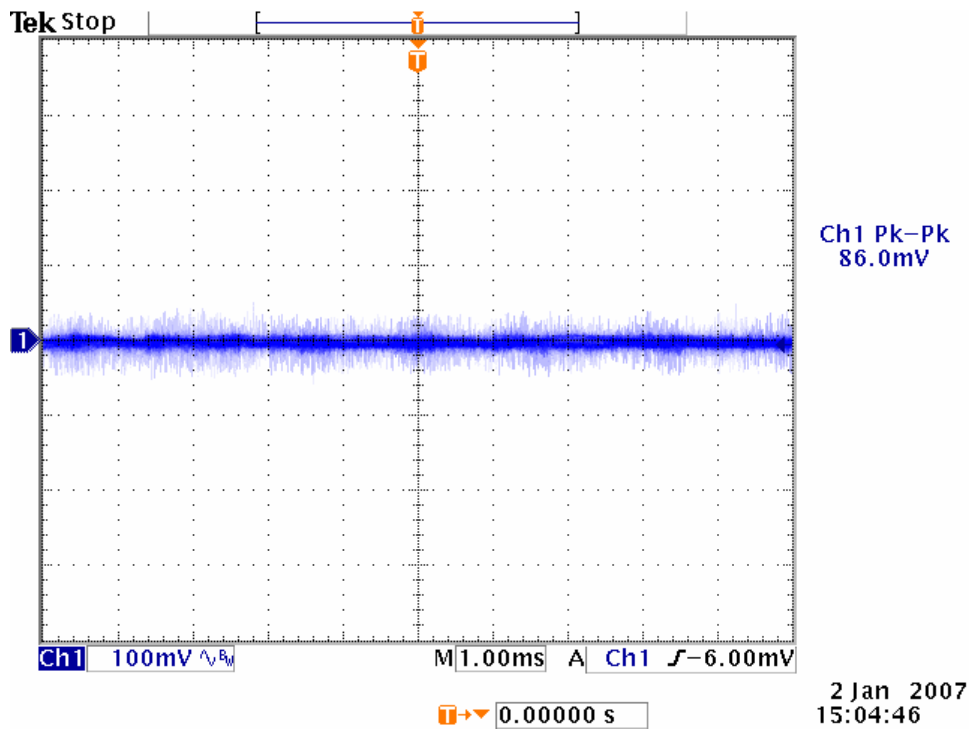
(2) 5V (+5V, U3-3)



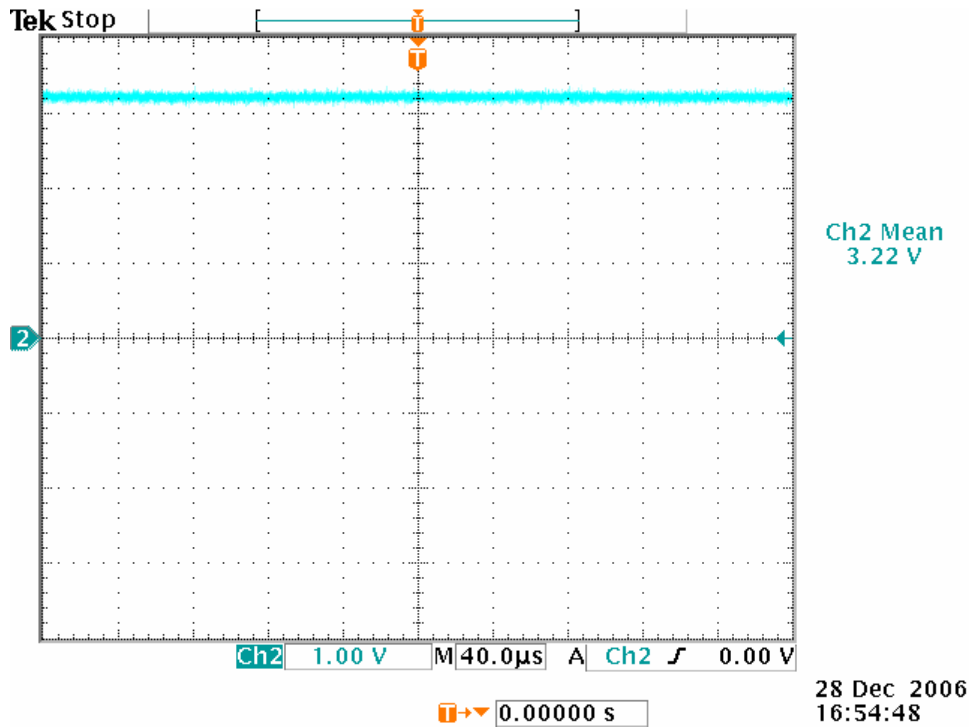


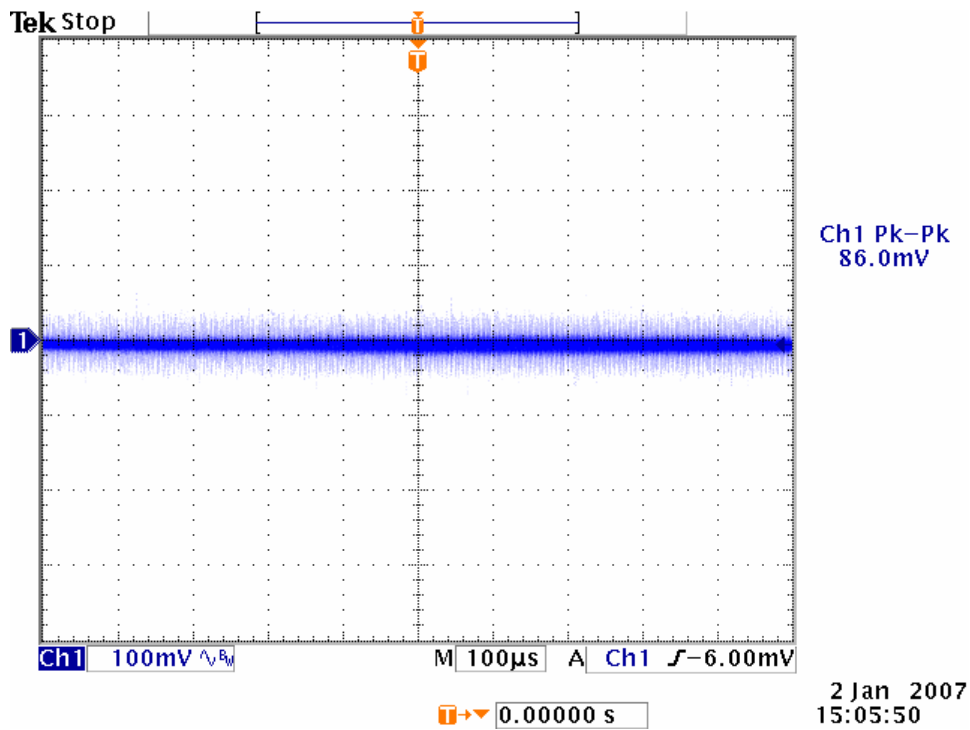
(3) 5V (+5VSB, U4-3)



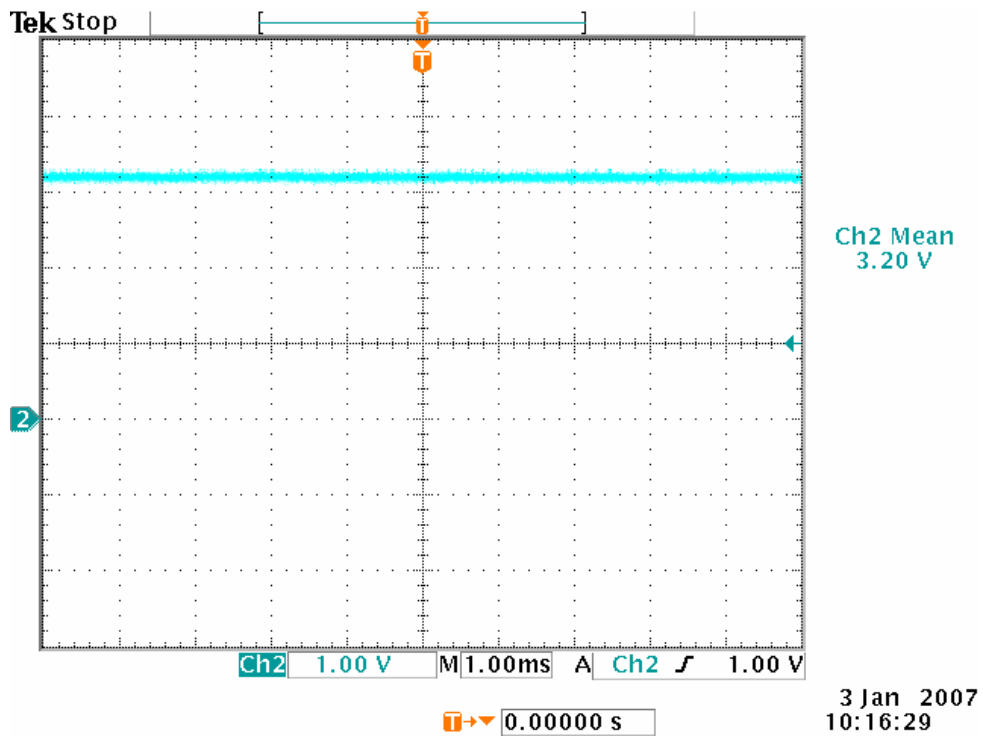


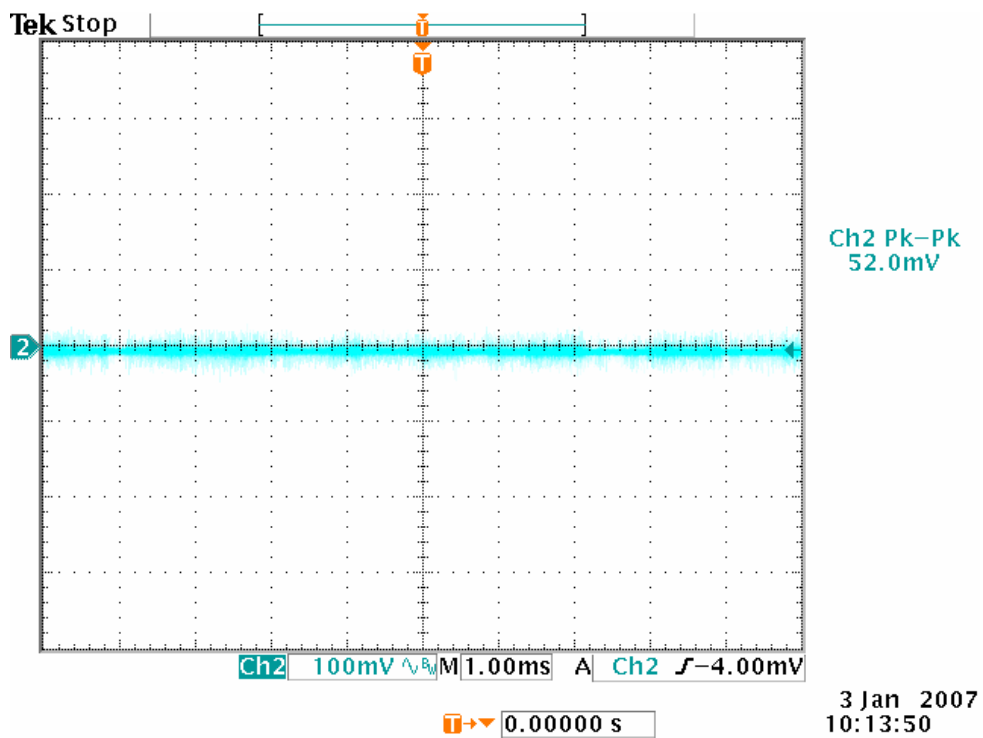
(4) 3.3V (+3.3VSB, U4-2)





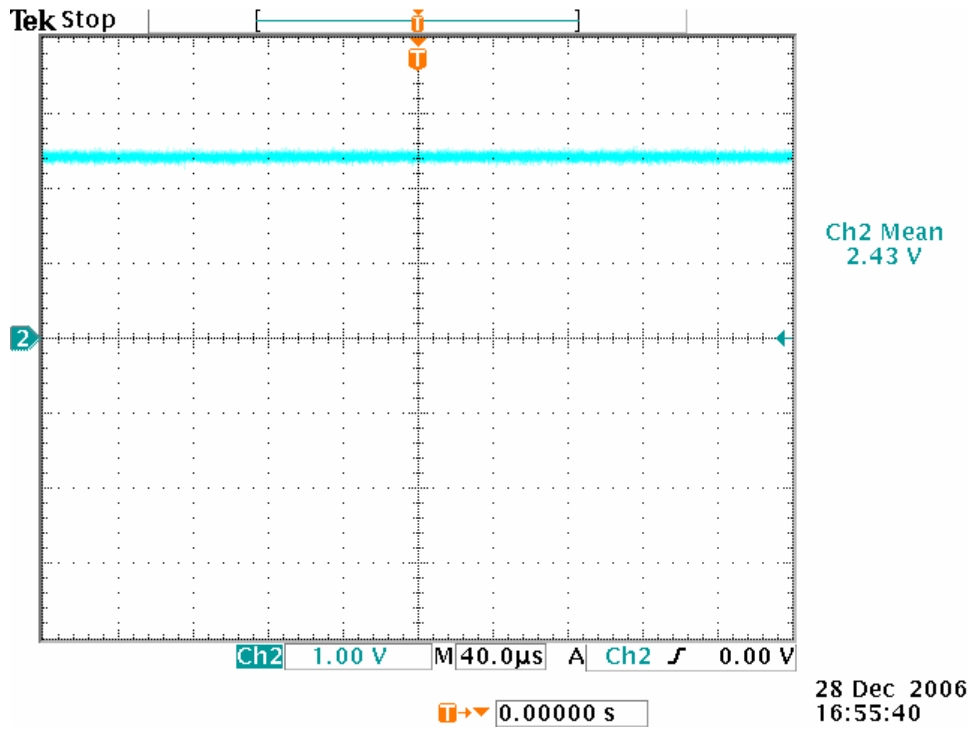
(5) 3.3V (+3.3, U5-2)

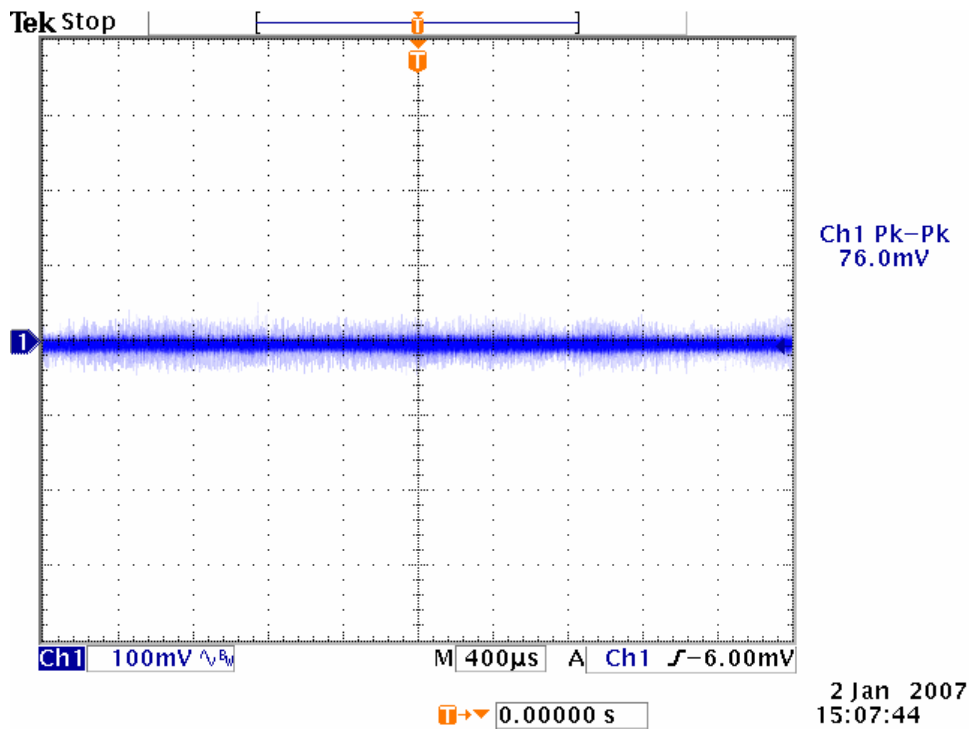




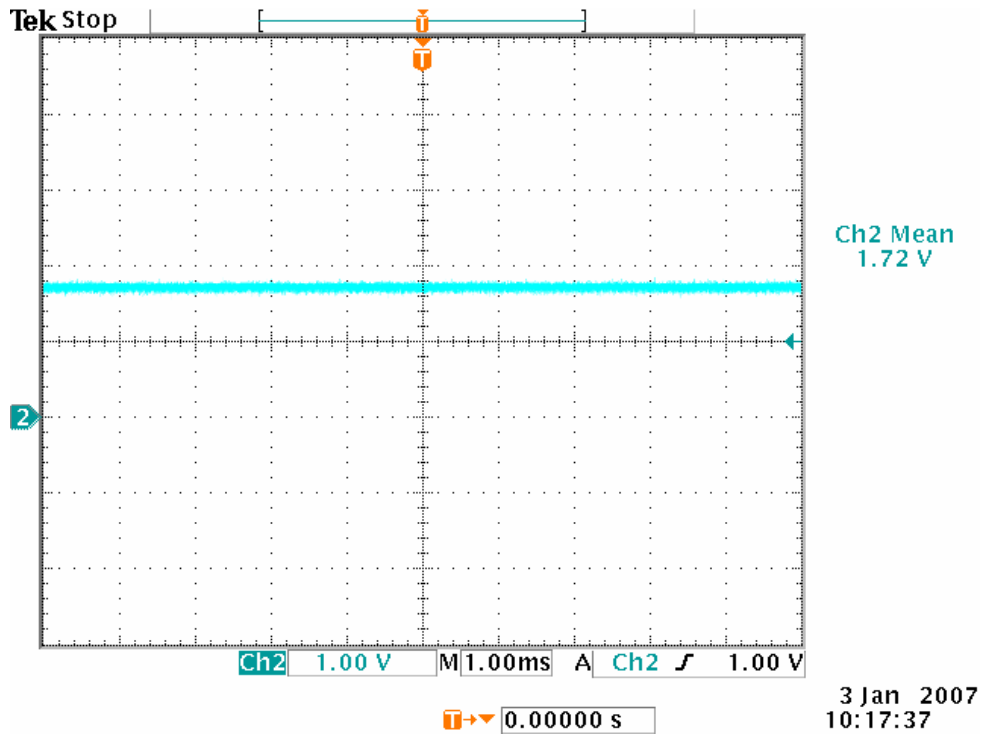


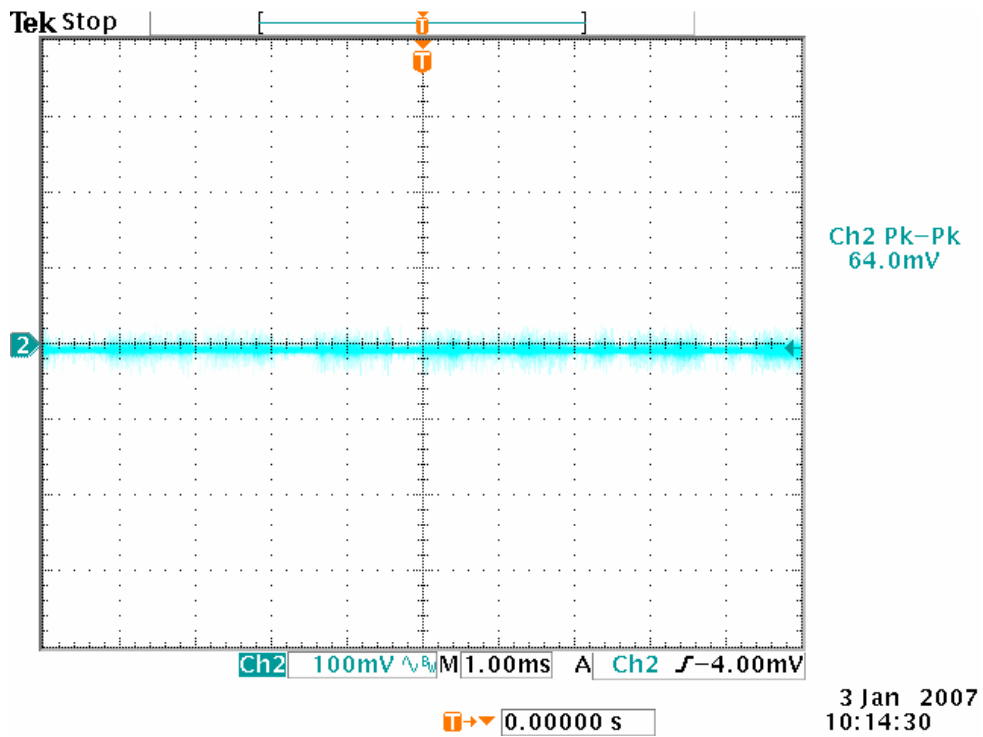
(6) 2.5V (+2.5V\_DDR, FB9-2)



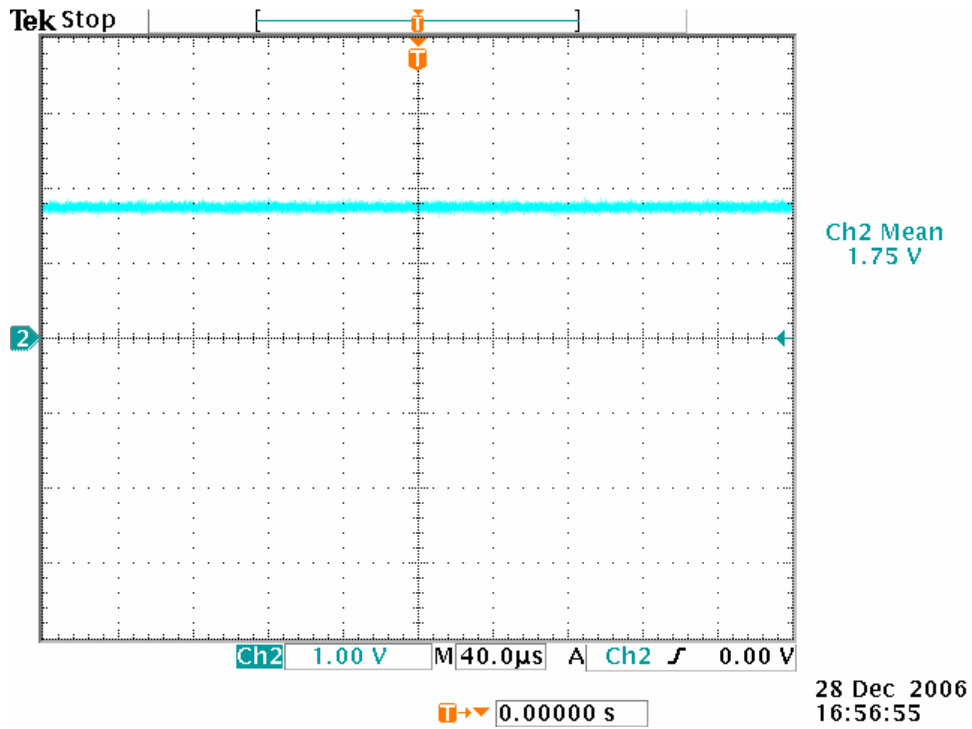


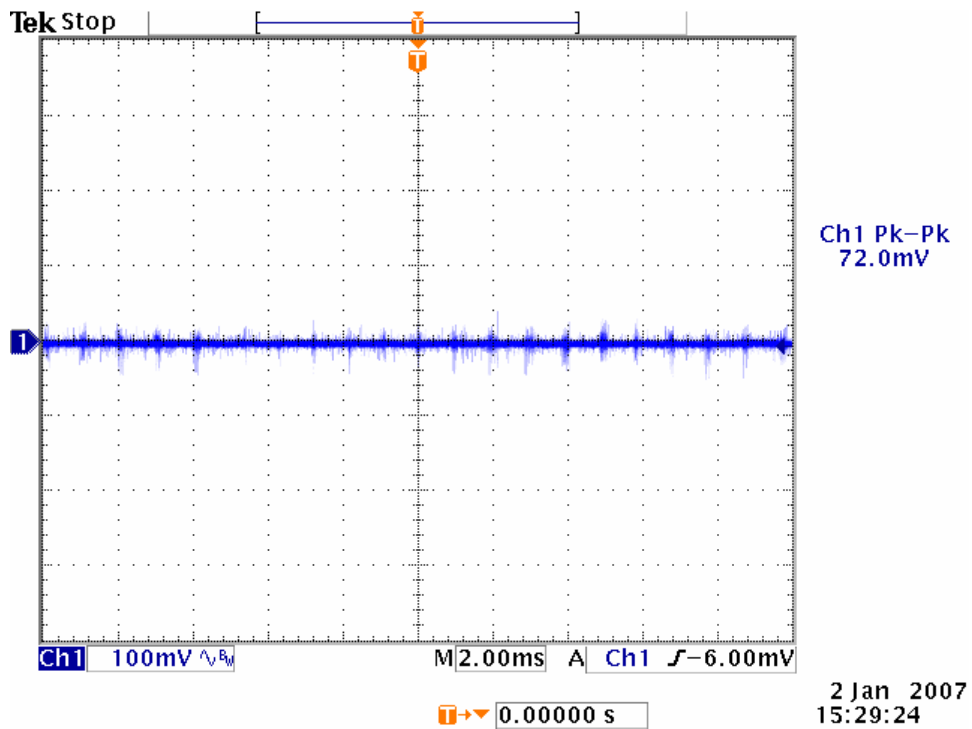
(7) 1.8V (+1.8V, U7-2)





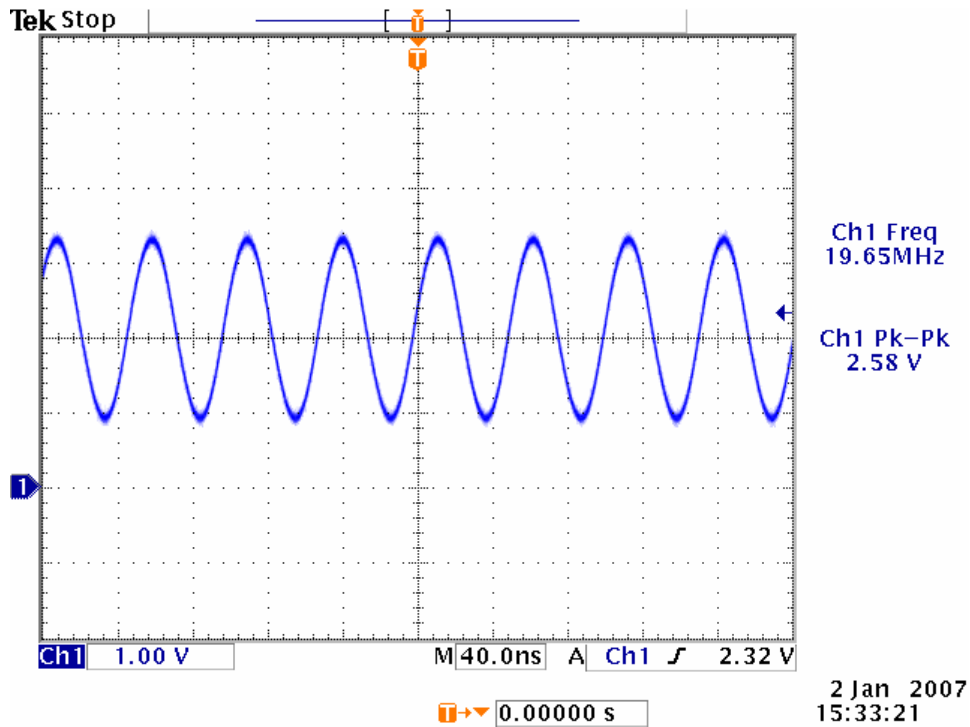
(8) 1.8V (+1.8V\_HDMI, U6-2)

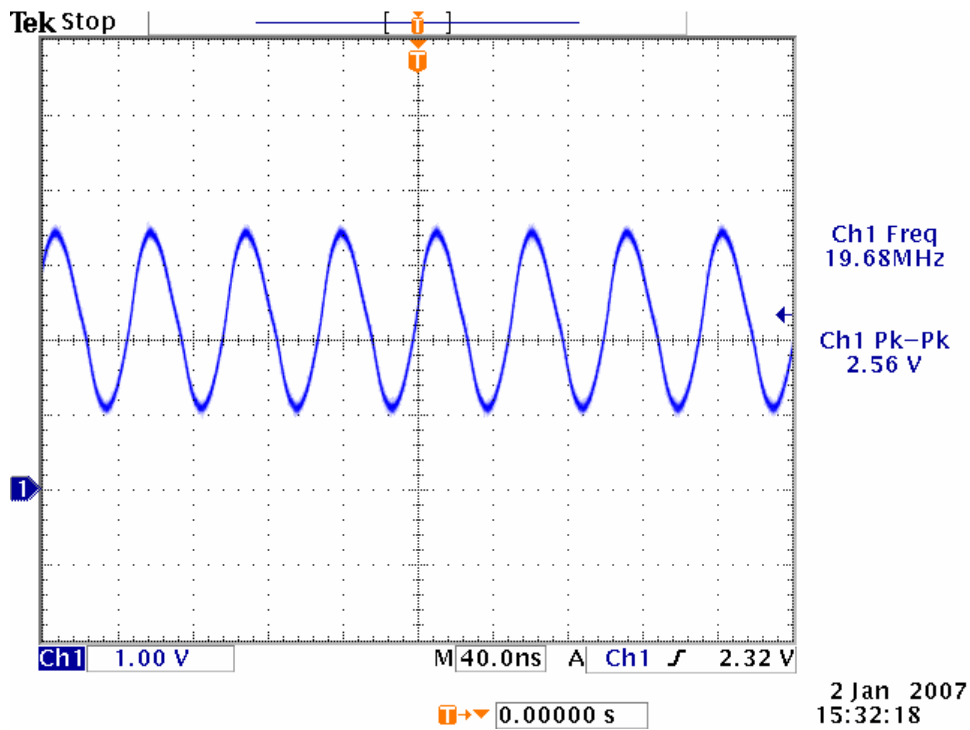




## 2. Clock Timing

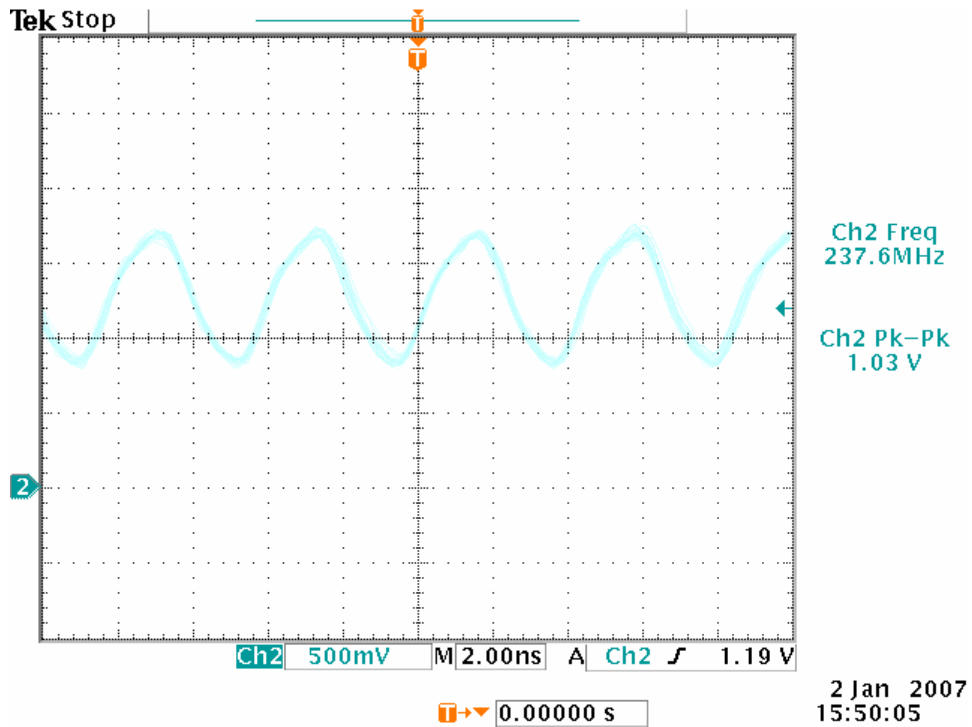
(1) FLI8668 Clock (1.U9-B26, XTAL / 2.U9-C26, TCLK)

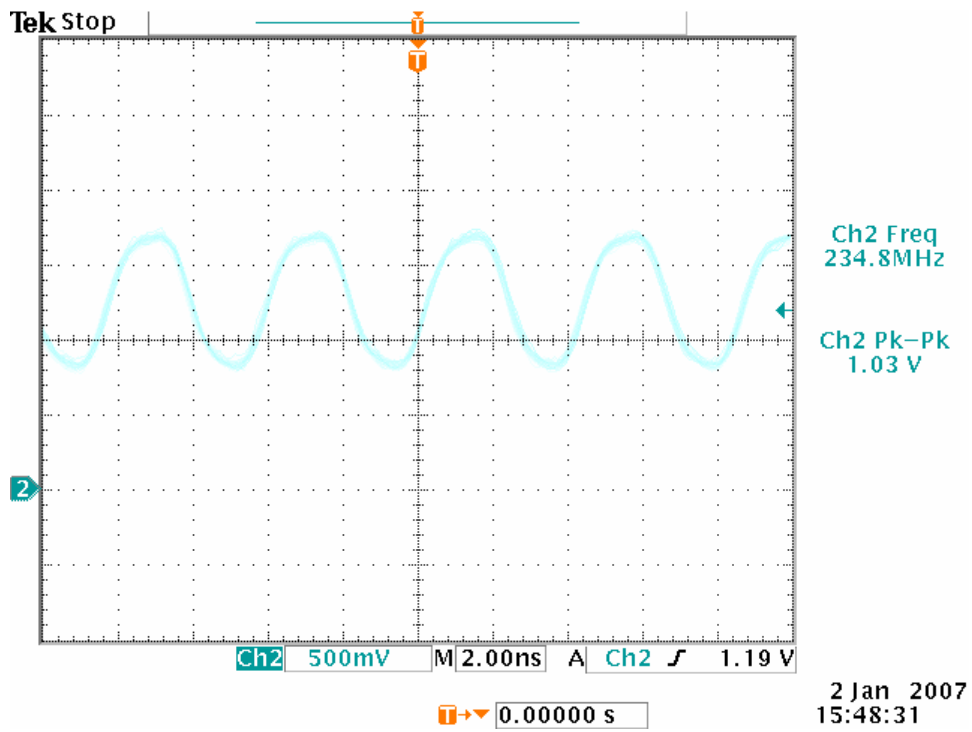




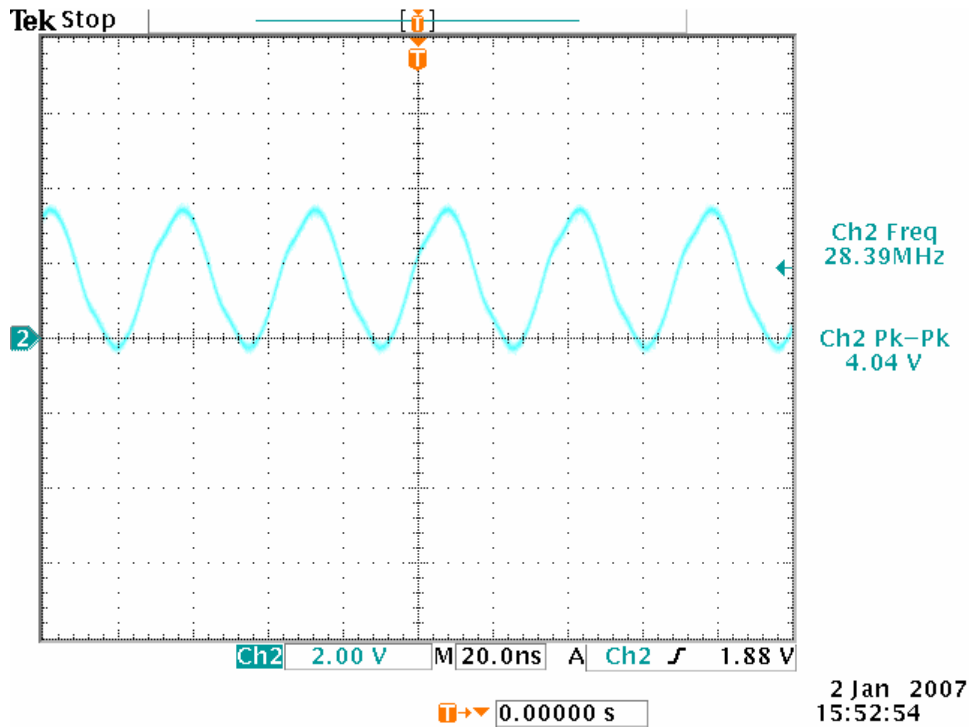


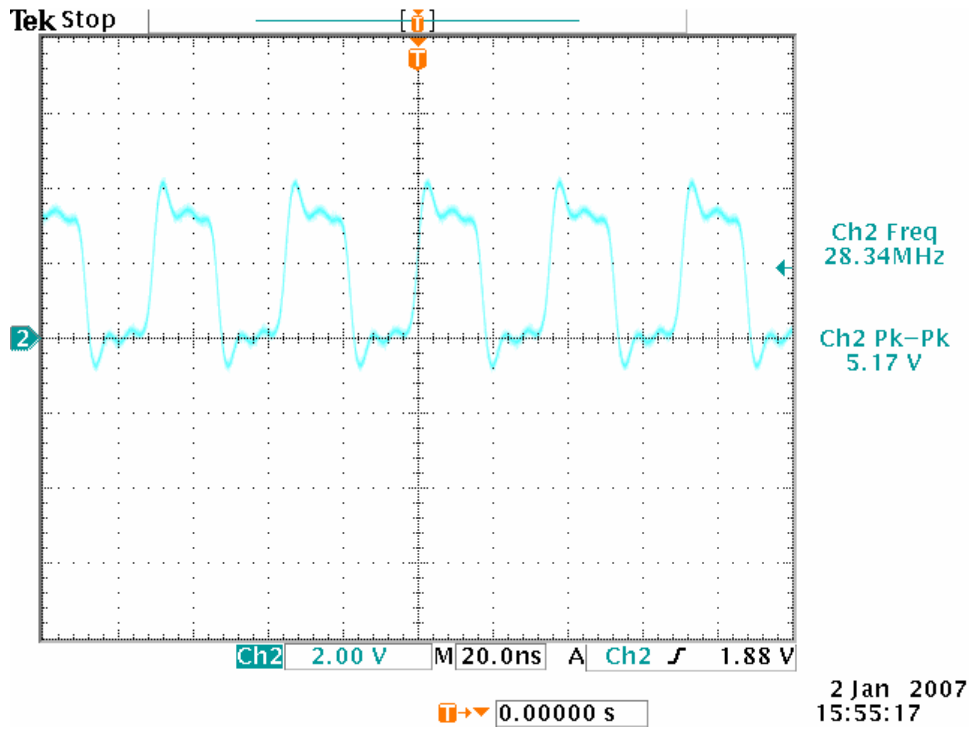
(2) Memory Clock (1.U12-45, CLK / 2.U13-45, CLK)



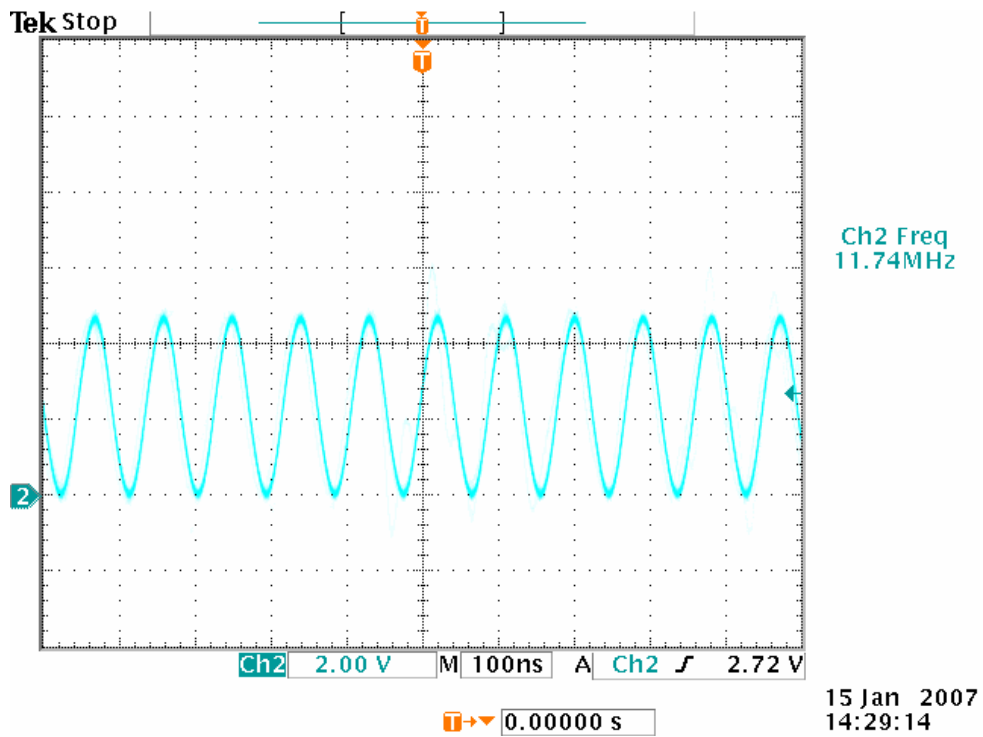


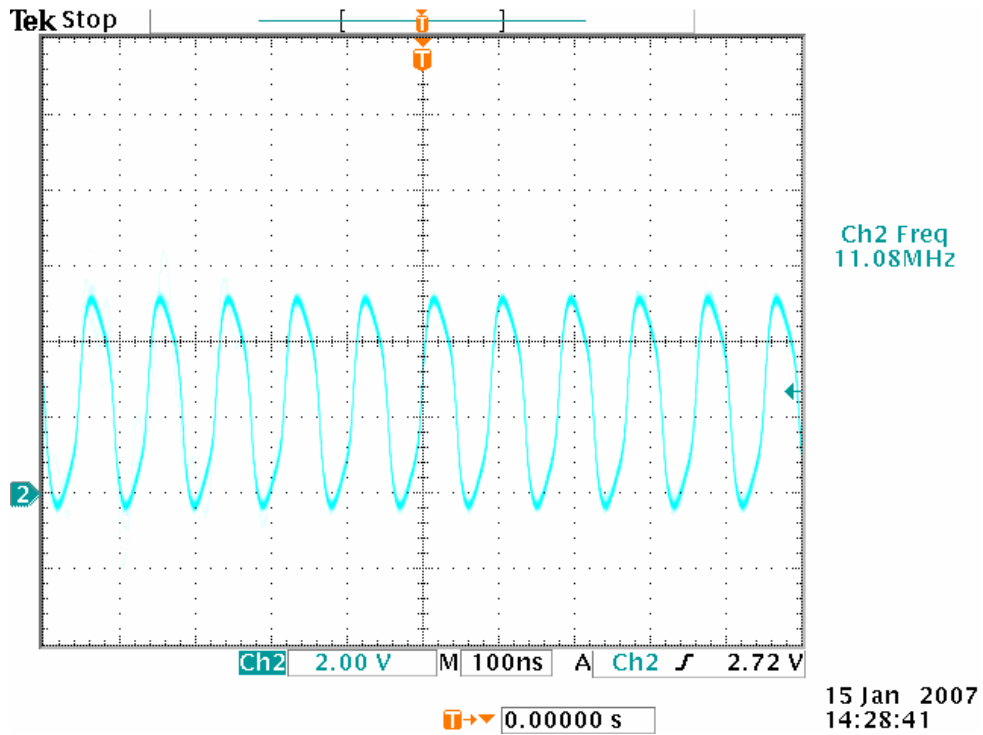
(3) Sil 9025 Clock (1.U29-97, XTLI / 2.U29-96, XTLO)





(4) SM5964 Clock (1.U42-21, X1 / 2.U42-20, X2)

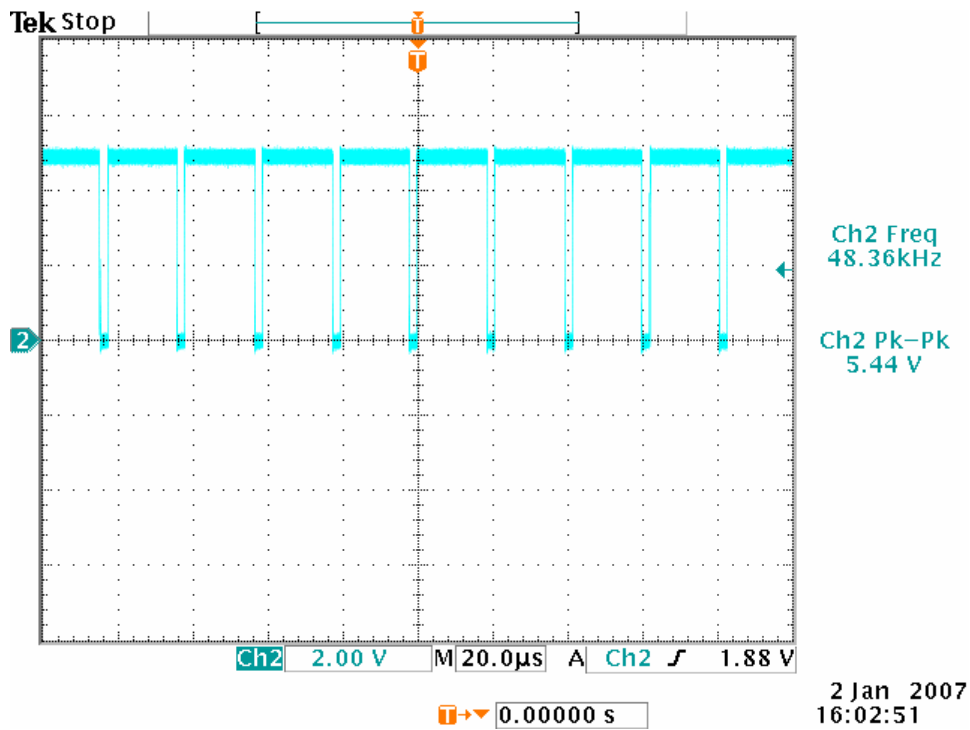




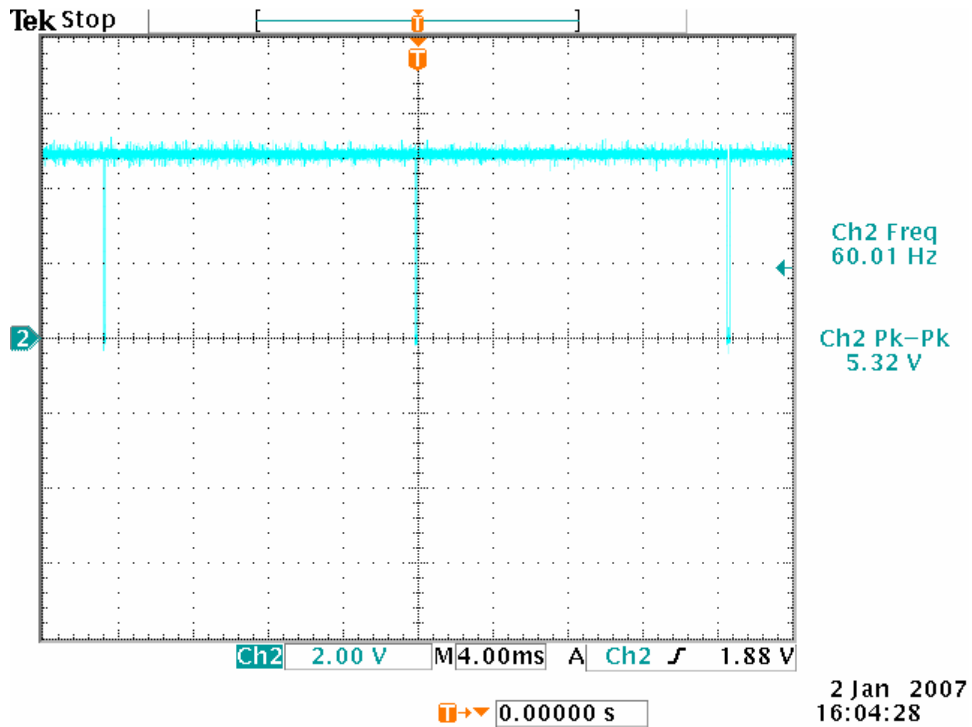
### 3. H-sync & V-sync Timing

PC Mode (1024 x 768 60Hz)

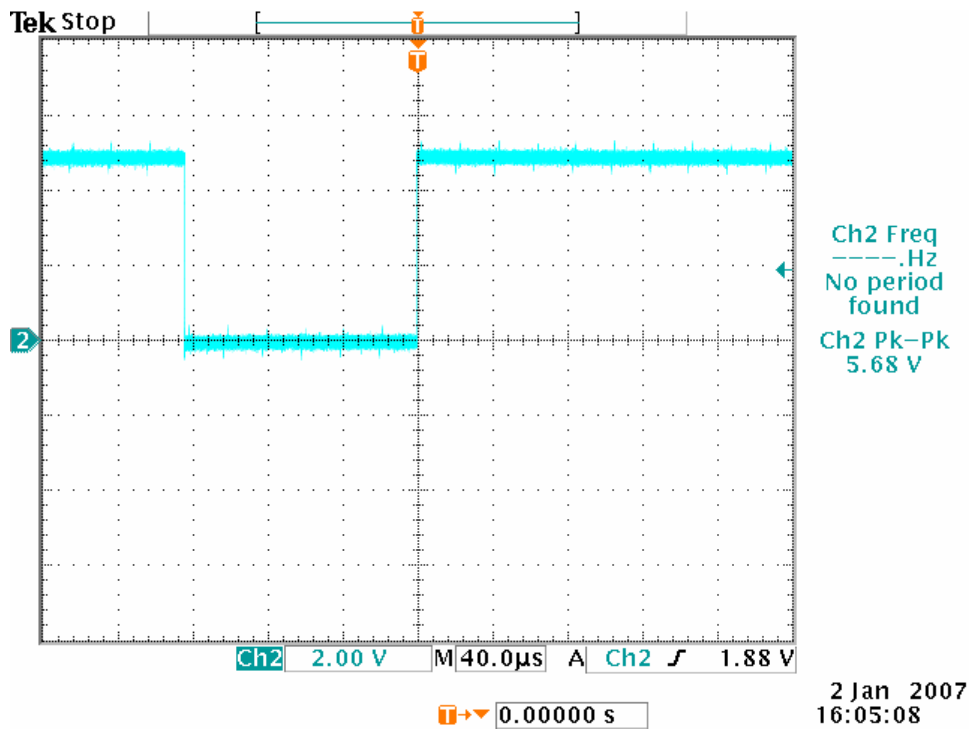
(1) H-sync (U17-1, HS\_VGA)



(2) V-sync (U17-5, VS\_VGA)

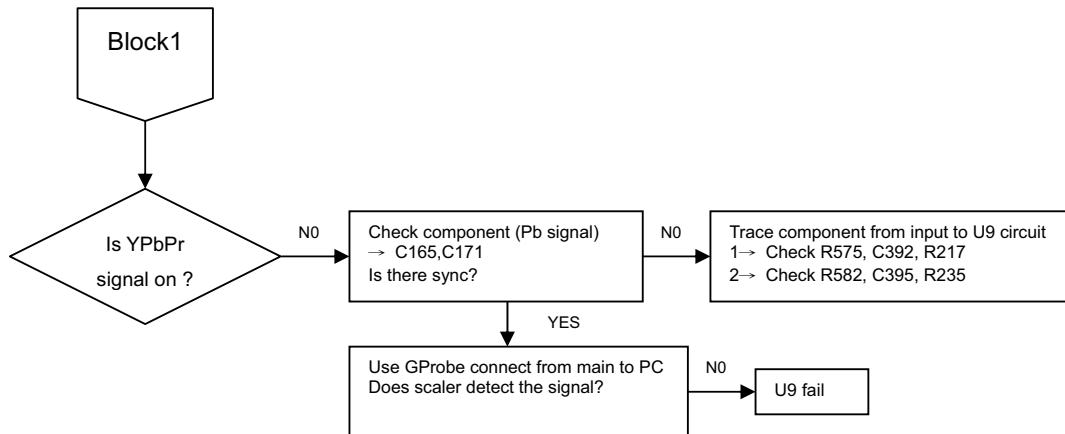




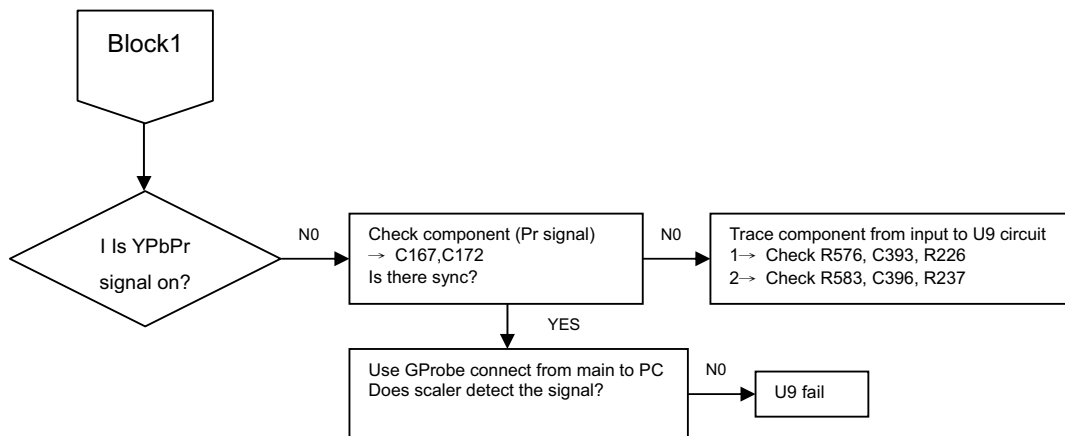




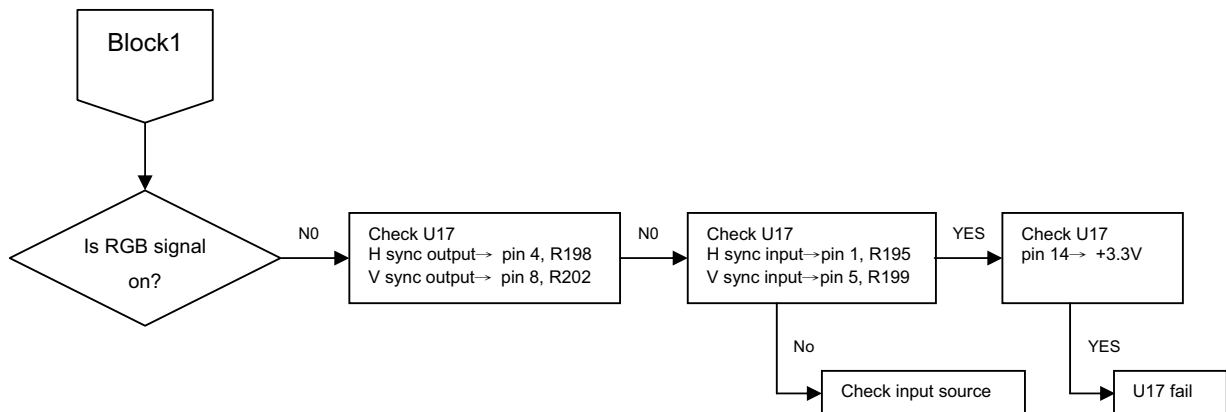
## PDP display nothing (Component1, 2 without Pb signal)



## PDP display nothing (Component1, 2 without Pr signal)

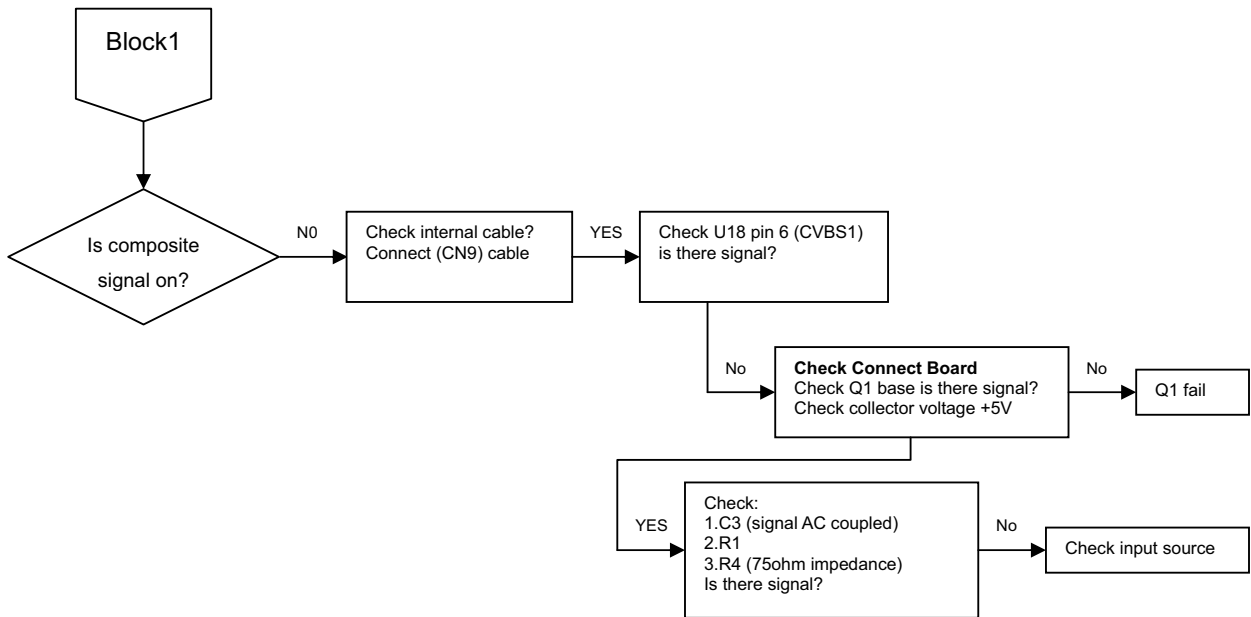


## PDP display nothing (RGB)

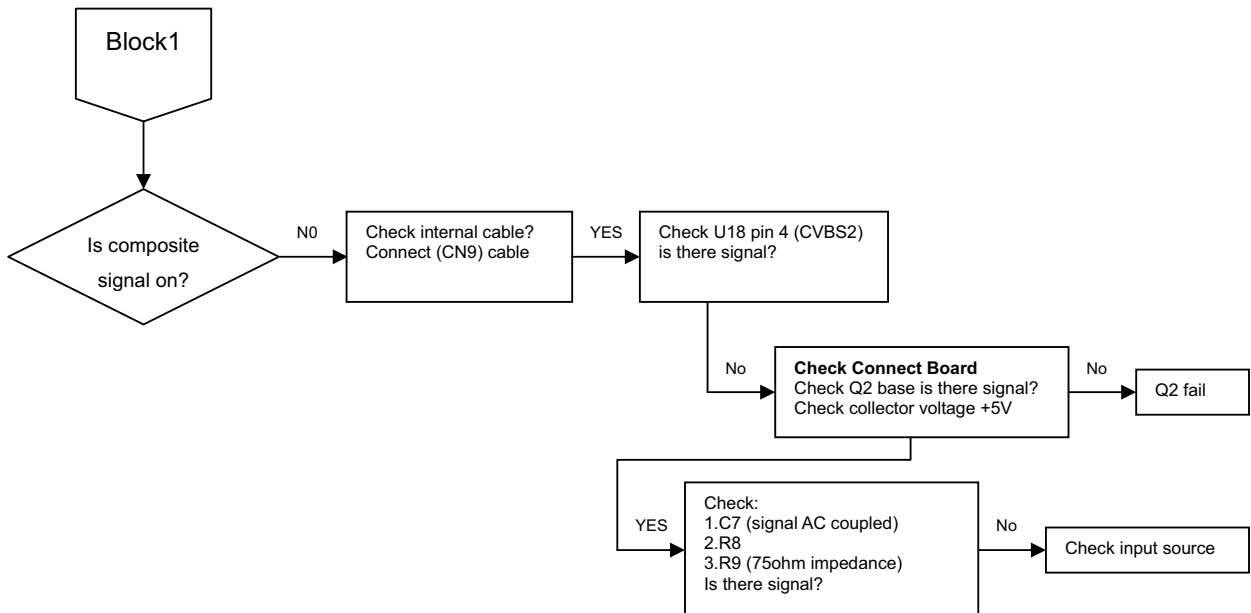


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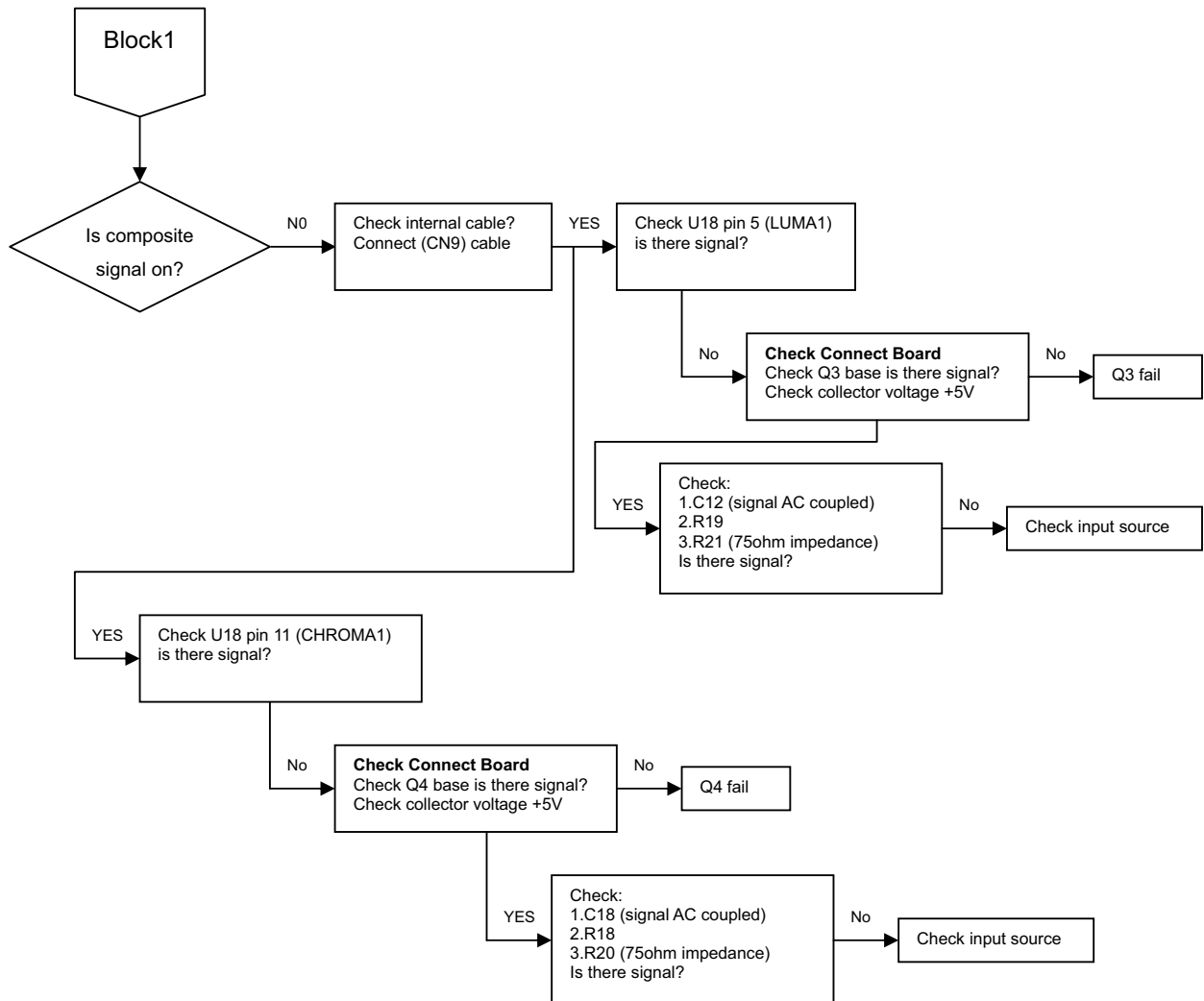
### PDP display nothing (AV1<CVBS1> without screen)



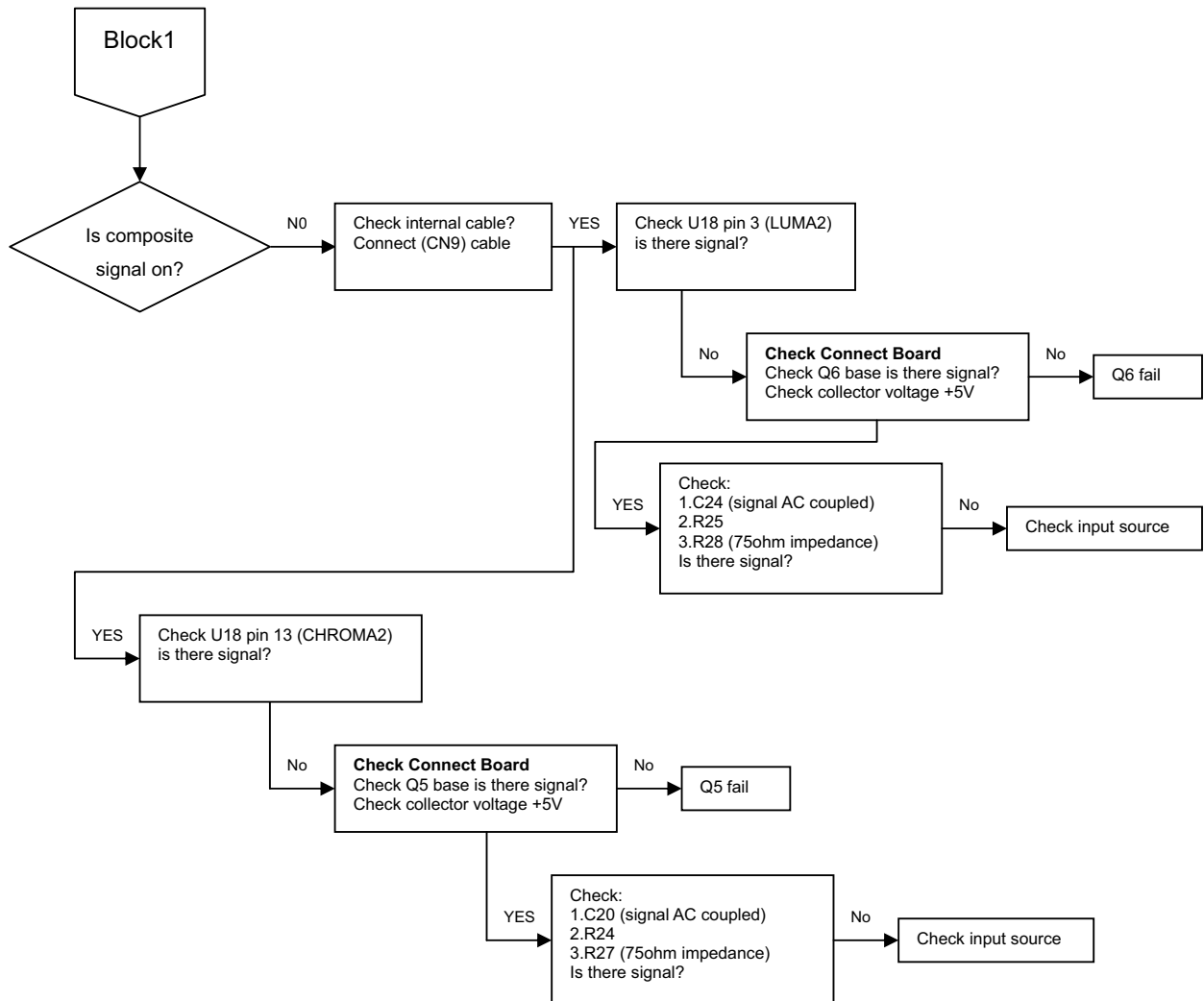
### PDP display nothing (AV2<CVBS2> without screen)



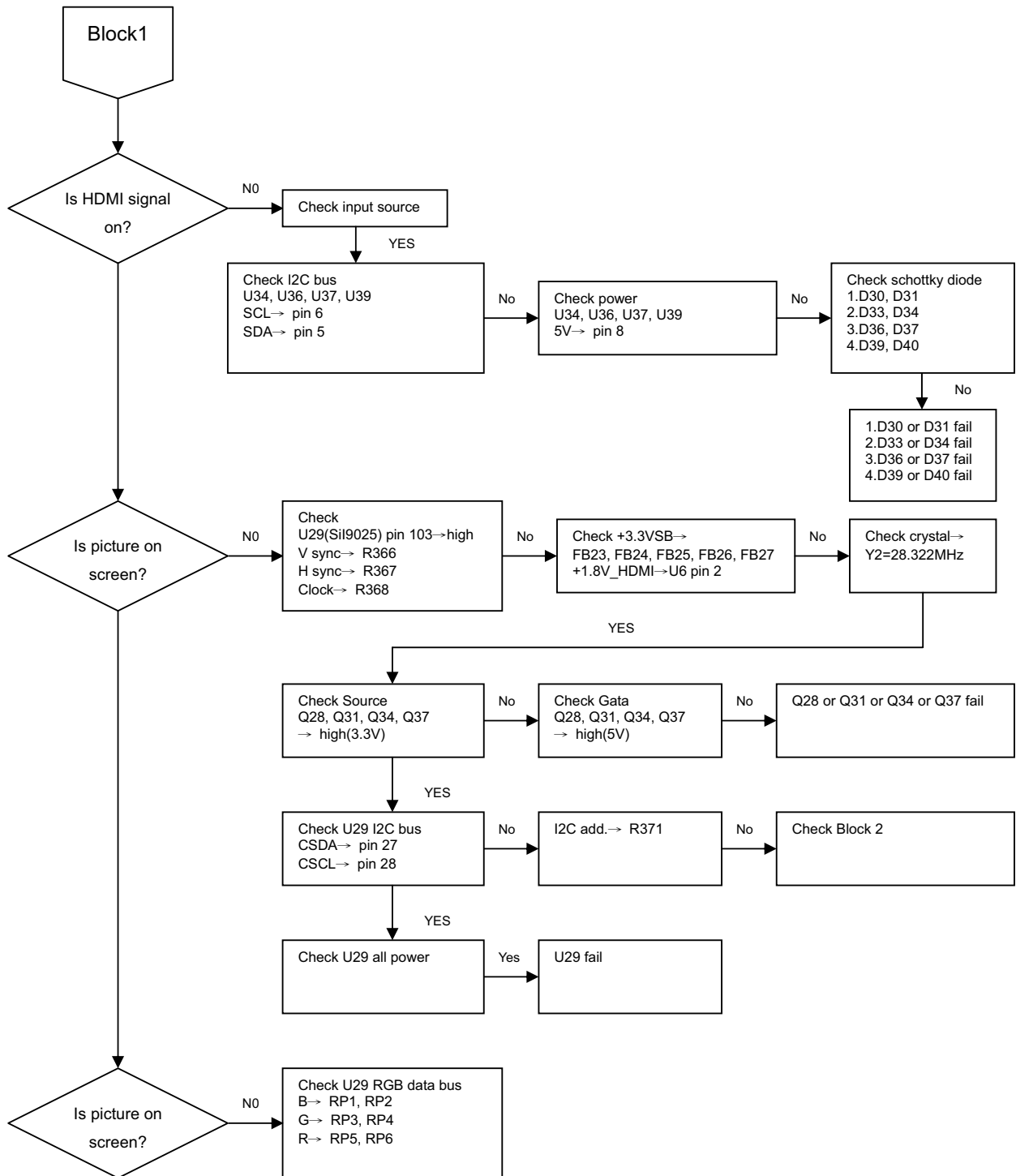
## PDP display nothing (AV1<S-Video1> without screen)



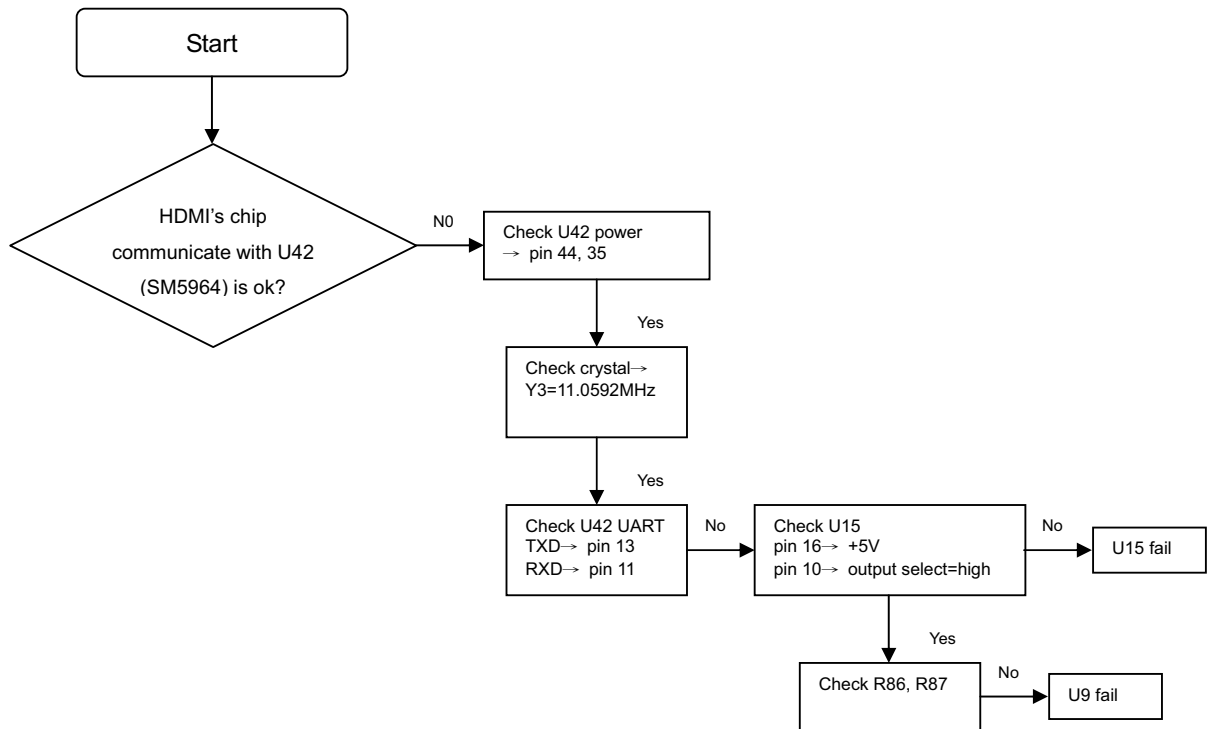
## PDP display nothing (AV2<S-Video2> without screen)



## PDP display nothing (HDMI1, 2, 3, 4)



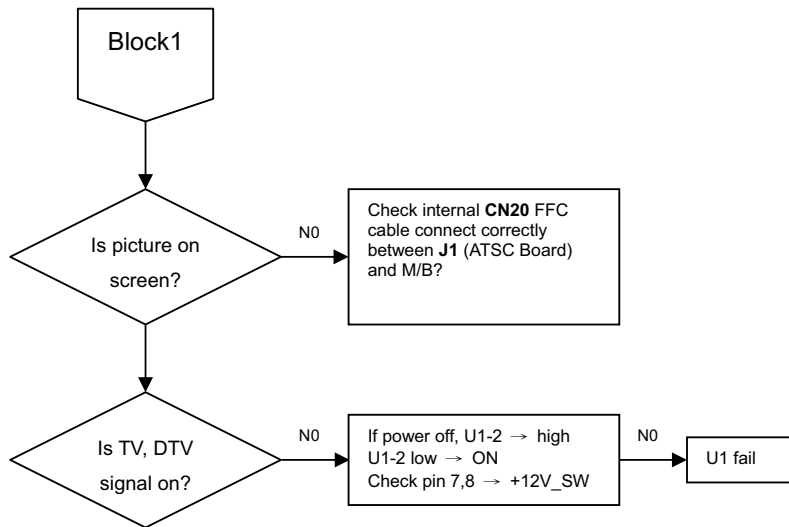
## Block 2





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## PDP display nothing (TV, DTV)



# Chapter 11 Spare Parts List

PART NO	DESCRIPTION	LOC	QTY	REMARK
0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	C193,C194,C200, C202,C206,C209	6	
0320-4000-0142	POWER CORD 110V UL/CSA 1800mm BLK N.M. (VINC)		1	
0321-0000-0411	AV CABLE RCA(Y/W/R) 1800mm BLK (VINC)		1	
0360-1000-0410	POWER INDUCTOR L:15uH 4.7A 12x12mm SMD LF	L2, L3, L4, L5	4	
0400-0681-2713	ZENER 6.46V-7.14V MMSZ5235B 1/2W SOD-123 L-F	ZD2, ZD3, ZD4,ZD5	4	
0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F	Q4	1	
0430-1008-6088	IC NJM4558M-TE2_PB SO8(DMP8) L-F	U1, U6	2	
0430-7043-3620	IC 50W AUDIO AMP MP7782DF-LF-Z 20PIN TSSOP LF	U7,U8	2	
0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	D10,D11,D12, D2,D3, D4,D5		
1801-1932-8011	LOGO-LENS ASS'Y (VM60P HDTV10A)		1	
1812-0101-1100	MAIN-BEAM(SGCC T=2.0mm)(VM60P HDTV10A) ASS'Y		1	
1925-1000-3700	CUSHION-TOP-LEFT(VM60P HDTV10A)		1	
1925-1000-3710	CUSHION-TOP-RIGHT(VM60P HDTV10A)		1	
1925-1000-3720	CUSHION-BOTTOM-LEFT(VM60P HDTV10A)		1	
1925-1000-3730	CUSHION-BOTTOM-RIGHT(VM60P HDTV10A)		1	
1925-1000-3740	CUSHION-TOP-MIDDLE(VM60P HDTV10A)		1	
1925-1100-0230	PE BAG 320*230*0.04T		1	
1925-1100-0280	PE BAG (180W*290L*0.04t)(PE-LD)(ACC.-1)		1	
1925-1100-0430	PE BAG (70.0*100.0*0.04t) (No,#3)		1	
1925-1100-0670	PE BAG (120.0*170.0*0.04t)(No.#6)		1	
1925-1100-2360	PE BAG (1600W*1100L*1.0T) ? (VM60P HDTV10A)		1	
1925-1200-7080	ACCESSARY BOX (330W*230D*50H)		1	
1925-1200-9240	BOTTOM-CARTON (VM60P HDTV10A)		1	
1925-1200-9250	INSIDE-SUPPORT (VM60P HDTV10A)		2	
1925-1200-9471	CARTON VIZIO VM60P HDTV10A		1	
1925-1200-9521	CARTON TOP TRAY VIZIO(VM60P HDTV10A)		1	
1925-1300-7080	Brochure VIZIO Series		1	
1925-1300-8100	QSG VIZIO VM60P HDTV10A		1	
1925-1300-8110	MANUAL VIZIO VM60P HDTV10A		1	
1925-1400-2710	Register CARD/VIZIO L15		1	
1925-1900-0610	CARTON JOINT (TM-32V)		14	
1925-2000-0030	Polishing Cloth VIZIO P42 HDTV10A		1	

PART NO	DESCRIPTION	LOC	QTY	REMARK
1936-1100-8980	B/C LBL VIZIO VM60P HDTV10A		1	
1936-1300-1550	SERIAL NO.LBL byd:sign		1	
1936-1600-1250	Technology Logo LBL VIZIO VM60P HDTV10A		1	
1947-1200-0310	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 27*75mm		2	
1947-1200-0400	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 20*45mm		6	
1947-1200-0730	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 25*50mm		2	
1947-1200-3020	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 100x35mm		3	
1947-1500-1360	PANEL-CUSHION-H(8*8*1364,PORON)(VM60P HDTV10A)		2	
1947-1500-1370	PANEL-CUSHION-V(8*8*777,PORON)(VM60P HDTV10A)		2	
1947-1500-3200	SPEAKER BKT SPONGE(40*15*1.5)(VM60P HDTV10A)		12	
1947-1500-3210	LOGO SPONGE(40*20*2.5)(VM60P HDTV10A)		3	
1947-1500-3240	FAN-SPONGE(VM60P HDTV10A)		2	
1947-1500-3260	FAN-SPONGE-A(PORON MO-48)(VM60P)		4	
1947-1800-0050	GASKET BLOCK (20*3*12mm) (850GT)		1	
1947-1800-0290	GASKET BLOCK (12L*10W*1.5Hmm) HOLE 6 φ		1	
1947-1800-1230	Conductive Fabric Tape_T (1382.0L*29.0W)(VM60P HDTV1		1	
1947-1800-1240	Conductive Fabric Tape_L (777.0L*35.5W)(VM60P HDTV10		1	
1947-1800-1250	Conductive Fabric Tape_R (777.0L*35.5W)(VM60P HDTV10		1	
1947-1800-1290	Conductive Fabric Tape-B(1382L*48W)(VM60P HDTV10A)		1	
1947-2000-1230	FOOT(PINGOO GL-6-B)(VM60P HDTV10A)		6	
1947-2600-0020	BASE-ACRYLIC(T=4.0Cm)(VM60P HDTV10A)		1	
1947-9900-0660	Glue, 94 Primer (for Face Plate) (M16)		0.02	
1947-9900-0770	Teflon Tape (110.0L*10.0W)		0.11	
3860-0012-0137	PDP AUDIO BD ASS'Y VM60P HDTV10A)		1	
3860-0012-0146	CONNECTOR BD ASS'Y (VM60P HDTV10A)		1	
3860-0012-0187	VIDEO BOX BD ASS'Y (VM60P HDTV10A)		1	
3860-0012-0189	IR BD ASS'Y (VM60P HDTV10A)		1	
3860-0022-0395	REFLECTOR BOX ASS'Y (VM60P HDTV10A)		1	
3860-0032-0150	MAIN BD ASS'Y (VM60P HDTV10A)		1	
3860-0042-0156	DISPLAY BD ASS'Y (VM60P HDTV10A)		1	

# Chapter 12 Complete Parts List

## 2860-8500-1053 60" PDP VM60P HDTV10A(LG,BLACK) Vinc

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			3860-0022-0301	PDP BASE ASS'Y VM60P HDTV10A	1	
2			3860-0022-0303	PDP CHASSIS ASS'Y VM60P HDTV10A (LG) Black	1	
3			3860-0022-0312	PDP PACKING ASS'Y VM60P HDTV10A	1	

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**3860-0022-0301 PDP BASE ASS'Y VM60P HDTV10A**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			1701-0524-7010	NECK COVER(ABS)(VM60P HDTV10A)	1	
2			1712-0200-0590	BASE-BRACKET(SPHC T=5.0mm)(VM60P	1	
3			1712-0200-0640	NECK-BRACKET(SPHC)(VM60P HDTV10A)	1	
4			1720-3008-3550	MAC. SCREW-MF M8.0*35.0L,BLK	4	
5			1725-0004-0650	MAC SCREW-MB M4.0*6.0L,BLK_Ni, NYLOK	6	
6			1947-2000-1230	FOOT(PINGOO GL-6-B)(VM60P HDTV10A)	6	
7			1947-2600-0020	BASE-ACRYLIC(T=4.0Cm)(VM60P HDTV10A)	1	
8			1947-9900-0660	Glue, 94 Primer (for Face Plate) (M16)	0.02	

### 3860-0022-0303 PDP CHASSIS ASS'Y VM60P HDTV10A (LG) Black

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0213-0600-0161	PDP MODULE 60" PDP60X6 (LG)(Korea+SanKen	1	
2			0269-0000-0011	AC INLET ASS'Y 0260-0000-0350+0460-1205-0052	1	
3			0335-2008-0360	SPK BOX 20W 8ohm(200x85x130) 450mm(L) LF	1	
4			0335-2008-0460	SPK BOX 20W 8ohm(200x85x130) 1100mm(R) LF	1	
5			0460-1005-0570	WH A2001H02-5P/A2501H02-5P 1007#24 360mm	1	
6			0460-1012-0291	WH A2001-12P/4P+A1251-7P UL20276 #28	1	
7			0460-1012-0300	WH A2006H00-2x6P-A2001H02-6P 1061#26 80mm	1	
8			0460-1016-0070	WH A2006H00-2x8P-A2006H00-2x8P 1007#26	1	
9			0460-1105-0130	WH A2501H02-5P-A2501H02-5P 1007#22 580mm	1	
10			0460-2855-0011	FFC 55P(0.5mm) 58mm+CORE	1	
11			0460-4007-0010	WH A2544H00-7P/A2001H02-5P 1007#24 180mm	1	
12			0460-4012-0160	WH A2540H-12P/A2001H02-10P 1007#24	1	
13			0460-4131-0051	WH FI-W31S/FI-W31S UL20276#30 380mm Core*2	1	
14			0500-0504-0270	POWER BD ASS'Y PSM72w-240F-R LF	1	
15			0950-0000-0010	License: Dolby-AC3 Two-Channel Dolby Digital	1	
16			0950-0000-0020	License: MPEG-LA Consumer Products	1	
17			0950-0000-0030	License: HDMI	1	
18			0973-0600-3081	FAN 10V 1500rpm 60*60 650mm 3P-1(R)LF	1	
19			0973-0600-4081	FAN 10V 1500rpm 60*60 800mm 3P-1(L)LF	1	
20			0980-0700-0030	LED BACKLIGHT 18*50 LYSB-4916W/SY 580mm	1	
21			1701-0417-9011	SIDE BUTTON(ABS-PIANO BLACK)(VM60P	1	
22			1701-0900-2140	PDP Filter 60" FG610NAA-07 (FOR LG_PDP60X6)	1	
23			1701-1100-0760	REFLECTOR RUBBER(PINGOOD	6	
24			1701-1400-0050	CABLE TIE(KLV-S15G10)	4	
25			1701-1500-0220	WIRE SADDLE (CH-02)	1	
26			1701-1500-0300	CABLE CLIPS/TA11-4	1	
27			1701-1500-0690	WIRE SADDLE (CH-14)	6	
28			1701-1500-1080	EDGE SADDLE DS-12 (NYLON)	2	
29			1701-1932-6011	Inner-Frame-Support-R(PC+ABS,BLACK)(VM60P	1	
30			1701-1932-6020	Inner-Frame-Support-L(PC+ABS,BLACK)(VM60P	1	
31			1701-1932-6030	Inner-Frame-Support-BL(PC+ABS,BLACK)(VM60P	1	
32			1701-1932-6040	Inner-Frame-Support-BR(PC+ABS,BLACK)(VM60P	1	
33			1701-1932-9010	HANDLE-COVER(ABS,BLACK)(VM60P HDTV10A)	2	
34			1701-1934-1010	IR LENS(PC)(VM60P HDTV10A)	1	
35			1712-0101-1010	PCB-SUPPORT(SECC T=0.8mm)(VM60P	1	
36			1712-0101-1020	POWER-BRACKET(SECC T=0.8mm)(VM60P	1	
37			1712-0101-1030	MAIN-FRAME-TR(SGCC T=2.0mm)(VM60P	1	
38			1712-0101-1040	MAIN-FRAME-TL(SGCC T=2.0mm)(VM60P	1	
39			1712-0101-1050	MAIN-FRAME-R(SGCC T=2.0mm)(VM60P	1	
40			1712-0101-1060	MAIN-FRAME-L(SGCC T=2.0mm)(VM60P	1	
41			1712-0101-1070	SPEAKER-BOX-R-SUPPORT(SECC	1	
42			1712-0101-1080	SPEAKER-BOX-L-SUPPORT(SECC	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43			1712-0101-1110	60*60 FAN-BKT(SECC T=0.8mm)(VM60P	2	
44			1712-0101-1231	BUTTON-BKT(SECC T=0.8mm)(VM60P HDTV10A)	1	
45			1712-0101-1240	IR PCB BKT(SECC T=0.8mm)(VM60P HDTV10A)	1	
46			1712-0101-1250	IO-SHIELD(SECC T=0.5mm)(VM60P HDTV10A)	1	
47			1712-0200-0600	Front-Bezel-Support(SGCC T=2.45mm)(VM60P	4	
48			1712-0200-0610	IO-BRACKET(SECC T=0.8mm)(VM60P HDTV10A)	1	
49			1712-0200-0620	REAR COVER-M(SGCC T=0.8mm)(VM60P	1	
50			1712-0200-0630	FILTER-CLIP-BOTTOM(SECC T=0.6mm)(VM60P	2	
51			1712-0200-0650	REAR-COVER-R(VM60P HDTV10A)	1	
52			1712-0200-0660	REAR-COVER-L(VM60P HDTV10A)	1	
53			1712-0500-1690	FILTER-CLIP (SECC T=0.6mm)(VM60P HDTV10A)	4	
54			1712-1300-0030	Front-Bezel-Top(Aluminum,extrusion)(VM60P	1	
55			1712-1300-0040	Front-Bezel-Left(Aluminum,extrusion)(VM60P	1	
56			1712-1300-0050	Front-Bezel-Right(Aluminum,extrusion)(VM60P	1	
57			1712-1300-0060	Front-Bezel-Bottom(Aluminum,extrusion)(VM60P	1	
58			1712-1300-0070	Inner-Frame-Top(Aluminum,extrusion)(VM60P	1	
59			1712-1300-0080	Inner-Frame-Left (Aluminum,extrusion)(VM60P	1	
60			1712-1300-0090	Inner-Frame-Right(Aluminum,extrusion)(VM60P	1	
61			1712-1300-0100	Inner-Frame-Bottom(Aluminum,extrusion)(VM60P	1	
62			1720-0003-0650	MAC. SCREW-MB M3.0*6.0L,BLK-Ni	4	
63			1720-0004-0851	MAC. SCREW-MB(point) M4.0*8.0L,BLK-Ni	6	
64			1720-1204-0820	MAC. SCREW-MPGW M4.0*8.0L,Ni	1	
65			1720-1505-1250	MAC.SCREW-MPSFW M5.0*12.0L,BLK-Ni	14	
66			1720-3003-0420	MAC. SCREW-MF M3.0*4.0L,Ni	16	
67			1720-3003-0850	MAC. SCREW-MF M3.0*8.0L,BLK-Ni	2	
68			1720-4003-0650	MAC. SCREW-MRF M3.0*6.0L, BLK-Ni	75	
69			1720-4003-0820	MAC. SCREW-MRF M3.0*8.0L, Ni	8	
70			1720-4603-0820	MAC. SCREW-MRFSH M3.0*8.0L, Ni	4	
71			1720-7003-0520	STAND OFF M3.0*5.0L H=30.0mm	4	
72			1720-7344-0820	MAC. SCREW-MHSW #4-40*8.0L,Ni	2	
73			1721-0003-0650	TAP. SCREW-TB #3.0*6.0L,BLK-Ni	2	
74			1721-0003-0850	TAP. SCREW-TB #3.0*8.0L,BLK-Ni	7	
75			1721-1003-0451	TAP. SCREW-TP #3.0*4.0L,BLK-Ni	23	
76			1721-1305-1250	TAP. SCREW-TB-Spring Washer #4.7*12L, BLK-Ni	8	
77			1721-4103-1420	TAP.SCREW-TRF #3.0*14.0L,Ni	4	
78			1721-5003-0651	TAP. SCREW-TI #3.0*6.0L, BLK-Ni Pitch=0.9	66	
79			1801-1932-8011	LOGO-LENS ASS'Y (VM60P HDTV10A)	1	
80			1812-0101-1100	MAIN-BEAM(SGCC T=2.0mm)(VM60P HDTV10A)	1	
81			1947-1200-0310	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 27*75mm	2	
82			1947-1200-0400	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 20*45mm	7	
83			1947-1200-2920	ACETATE CLOTH TAPE ( 醋酸布膠帶 ) 21*61mm	1	
84			1947-1200-3020	ACETATE CLOTH TAPE ( 醋酸布膠帶 )	3	
85			1947-1500-1360	PANEL-CUSHION-H(8*8*1364,PORON)(VM60P	2	
86			1947-1500-1370	PANEL-CUSHION-V(8*8*777,PORON)(VM60P	2	
87			1947-1500-3200	SPEAKER BKT SPONGE(40*15*1.5)(VM60P	12	
88			1947-1500-3211	LOGO SPONGE(40*20*2.5)(VM60P HDTV10A)	3	
89			1947-1500-3240	FAN-SPONGE(VM60P HDTV10A)	6	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90			1947-1500-3260	FAN-SPONGE-A(PORON MO-48)(VM60P)	4	
91			1947-1800-0050	GASKET BLOCK (20*3*12mm) (850GT)	1	
92			1947-1800-0290	GASKET BLOCK (12L*10W*1.5Hmm) HOLE 6 φ	1	
93			1947-1800-1230	Conductive Fabric Tape_T (1382.0L*29.0W)(VM60P	1	
94			1947-1800-1240	Conductive Fabric Tape_L (777.0L*35.5W)(VM60P	1	
95			1947-1800-1250	Conductive Fabric Tape_R (777.0L*35.5W)(VM60P	1	
96			1947-1800-1290	Conductive Fabric Tape-B(1382L*48W)(VM60P	1	
97			3860-0012-0137	PDP AUDIO BD ASS'Y VM60P HDTV10A	1	
98			3860-0012-0146	CONNECTOR BD ASS'Y (VM60P HDTV10A)	1	
99			3860-0012-0187	VIDEO BOX BD ASS'Y (VM60P HDTV10A)	1	
100			3860-0012-0189	IR BD ASS'Y (VM60P HDTV10A)	1	
101			3860-0022-0395	REFLECTOR BOX ASS'Y (VM60P HDTV10A)	1	
102			3860-0032-0150	MAIN BD ASS'Y (VM60P HDTV10A)	1	
103			3860-0042-0156	DISPLAY BD ASS'Y (VM60P HDTV10A)	1	



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**3860-0022-0312 PDP PACKING ASS'Y VM60P HDTV10A**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			1701-0800-2250	REAR PLATE(L) VIZIO VM60P HDTV10A	1	
2			1701-0800-2260	REAR PLATE(R) VIZIO VM60P HDTV10A	1	
3			1925-1000-3700	CUSHION-TOP-LEFT(VM60P HDTV10A)	1	
4			1925-1000-3710	CUSHION-TOP-RIGHT(VM60P HDTV10A)	1	
5			1925-1000-3720	CUSHION-BOTTOM-LEFT(VM60P HDTV10A)	1	
6			1925-1000-3730	CUSHION-BOTTOM-RIGHT(VM60P HDTV10A)	1	
7			1925-1000-3740	CUSHION-TOP-MIDDLE(VM60P HDTV10A)	1	
8			1925-1100-2360	PE BAG (1600W*1100L*1.0T) ? (VM60P	1	
9			1925-1200-9240	BOTTOM-CARTON (VM60P HDTV10A)	1	
10			1925-1200-9250	INSIDE-SUPPORT (VM60P HDTV10A)	2	
11			1925-1200-9470	CARTON VIZIO VM60P HDTV10A	1	
12			1925-1200-9521	CARTON TOP TRAY VIZIO(VM60P HDTV10A)	1	
13			1925-1900-0610	CARTON JOINT (TM-32V)	14	
14			1936-1100-8981	B/C LBL VIZIO VM60P HDTV10A	1	
15			1936-1300-1550	SERIAL NO.LBL byd:sign	1	
16			1936-1600-1251	Technology Logo LBL VIZIO VM60P HDTV10A	1	
17			3860-0022-0393	PDP ACCESSORY ASS'Y VM60P HDTV10A	1	

**3860-0012-0137 PDP AUDIO BD ASS'Y VM60P HDTV10A**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120137A	PDP AUDIO BD ASS'Y VM60P HDTV10A AI	1	
2			386000120137M	PDP AUDIO BD ASS'Y VM60P HDTV10A MI	1	
3			386000120137S	PDP AUDIO BD ASS'Y VM60P HDTV10A SMD	1	

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**3860-0012-0146 CONNECTOR BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120146A	CONNECTOR BD ASS'Y (VM60P HDTV10A) AI	1	
2			386000120146M	CONNECTOR BD ASS'Y (VM60P HDTV10A) MI	1	
3			386000120146S	CONNECTOR BD ASS'Y (VM60P HDTV10A) SMD	1	

**3860-0012-0187 VIDEO BOX BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120187A	VIDEO BOX BD ASS'Y (VM60P HDTV10A) AI	1	
2			386000120187M	VIDEO BOX BD ASS'Y (VM60P HDTV10A) MI	1	
3			386000120187S	VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD	1	

**3860-0012-0189 IR BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120189M	IR BD ASS'Y (VM60P HDTV10A) MI	1	
2			386000120189S	IR BD ASS'Y (VM60P HDTV10A) SMD	1	

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**3860-0022-0393 PDP ACCESSORY ASS'Y VM60P HDTV10A**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0320-4000-0142	POWER CORD 110V UL/CSA 1800mm BLK N.M.	1	
2			0321-0000-0411	AV CABLE RCA(Y/W/R) 1800mm BLK (VINC)	1	
3			0602-3000-0020	Battery Zn-Carbon 1.5V AA	2	
4			0980-0304-9140	Remote control 66700ABA2-037-R (64K chip ) LF	1	
5			1925-1100-0230	PE BAG 320*230*0.04T	2	
6			1925-1100-0280	PE BAG (180W*290L*0.04t)(PE-LD)(ACC.-1)	1	
7			1925-1200-7080	ACCESSARY BOX (330W*230D*50H)	1	
8			1925-1300-7081	Brochure VIZIO Series	2	
9			1925-1300-8100	QSG VIZIO VM60P HDTV10A	1	
10			1925-1300-8110	MANUAL VIZIO VM60P HDTV10A	1	
11			1925-1400-2711	Register CARD VIZIO Series	2	
12			1925-1400-3411	Warranty & Repair Sheet VIZIO	1	
13			1925-2000-0030	Polishing Cloth VIZIO P42 HDTV10A	1	
14			1947-1200-1560	FILAMENT TAPE (TIBON 25wide)	0.72	
15			3860-0012-0395	SCREW ASS'Y (VM60P HDTV10A)	1	

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**3860-0022-0395 REFLECTOR BOX ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			1701-0900-2260	REFLECTOR MYLAR(50*30*0.3)(VM60P	2	
2			1701-1932-7010	REFLECTOR-R(PC,TRANSPARENT)(VM60P	1	
3			1701-1932-7020	REFLECTOR-L(PC,TRANSPARENT)(VM60P	1	
4			1712-1300-0110	REFLECTOR-AL(VM60P HDTV10A)	1	
5			1925-1100-2440	PE BAG (80W*1450L*0.5t for Reflector)(VM60P)	1	
6			1925-1200-9410	Reflector Box (VM60P HDVT10A)	1	
7			1947-9900-0760	Adhesive 3M DP125(50ml)	0.02	

**3860-0032-0150 MAIN BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000320150A	MAIN BD ASS'Y (VM60P HDTV10A)	1	
2			386000320150M	MAIN BD ASS'Y (VM60P HDTV10A)	1	
3			386000320150S	MAIN BD ASS'Y (VM60P HDTV10A)	1	



**3860-0042-0156    DISPLAY BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000420156M	DISPLAY BD ASS'Y (VM60P HDTV10A) MI	1	
2			386000420156S	DISPLAY BD ASS'Y (VM60P HDTV10A) SMD	1	

**386000120137A PDP AUDIO BD ASS'Y VM60P HDTV10A AI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C108	0103-1479-1511	E/C VT 4.7uF 50V 105°C F-T (5*11mm)	1	
2		C109	0103-1479-1511	E/C VT 4.7uF 50V 105°C F-T (5*11mm)	1	
3		C120	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
4		C121	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
5		C126	0103-1471-1410	E/C VZ 470uF 35V 105°C NF-T (10*16mm) L-F	1	
6		C127	0103-1471-1410	E/C VZ 470uF 35V 105°C NF-T (10*16mm) L-F	1	
7		C170	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
8		C171	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
9		C176	0103-1471-1410	E/C VZ 470uF 35V 105°C NF-T (10*16mm) L-F	1	
10		C177	0103-1471-1410	E/C VZ 470uF 35V 105°C NF-T (10*16mm) L-F	1	
11		C191	0103-0101-1411	E/C L-L 100uF 35V 105°C F-T 8*11.5 HW L-F	1	
12		C192	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
13		C195	0103-0101-1411	E/C L-L 100uF 35V 105°C F-T 8*11.5 HW L-F	1	
14		C201	0103-0101-1411	E/C L-L 100uF 35V 105°C F-T 8*11.5 HW L-F	1	
15		C203	0103-0101-1411	E/C L-L 100uF 35V 105°C F-T 8*11.5 HW L-F	1	
16		C204	0103-6102-1412	E/C HF 1000uF 35V 105°C (12.5*25mm)	1	
17		C205	0103-6102-1412	E/C HF 1000uF 35V 105°C (12.5*25mm)	1	
18		C207	0103-6102-1412	E/C HF 1000uF 35V 105°C (12.5*25mm)	1	
19		C208	0103-6102-1412	E/C HF 1000uF 35V 105°C (12.5*25mm)	1	

**386000120137M PDP AUDIO BD ASS'Y VM60P HDTV10A MI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C136	0123-0224-0632	P/C R82 0.22uF 63V J B L-F	1	
2		C137	0123-0224-0632	P/C R82 0.22uF 63V J B L-F	1	
3		C140	0123-0474-0632	P/C R82 0.47uF 63V J B L-F	1	
4		C186	0123-0224-0632	P/C R82 0.22uF 63V J B L-F	1	
5		C187	0123-0224-0632	P/C R82 0.22uF 63V J B L-F	1	
6		C190	0123-0474-0632	P/C R82 0.47uF 63V J B L-F	1	
7		J1	0451-2000-0666	WAFER 2.0mm 6P 90' DIP KINK (M24266R) L-F	1	
8	SS		0451-2003-0663	WAFER 2.00mm 6P 90' KINK (A2001WR2-6P) L-F		
9		J2	0451-2500-0546	WAFER 2.5mm 5P 90' DIP KINK (M241855R) L-F	1	
10	SS		0451-2500-0543	WAFER 2.50mm 5P 90' KINK (A2501WR2-5P) L-F		
11		J3	0451-3960-0233	WAFER 3.96MM 2P 90' (A3963WR2-2P) L-F	1	
12	CS		0451-3960-0234	WAFER 3.96MM 2P 90'		
13		J4	0451-3960-0233	WAFER 3.96MM 2P 90' (A3963WR2-2P) L-F	1	
14	CS		0451-3960-0234	WAFER 3.96MM 2P 90'		

**386000120137S PDP AUDIO BD ASS'Y VM60P HDTV10A SMD**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120137B	PDP AUDIO BD ASS'Y VM60P HDTV10A SMD	1	
2			386000120137T	PDP AUDIO BD ASS'Y VM60P HDTV10A SMD TOP	1	

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**386000120146A CONNECTOR BD ASS'Y (VM60P HDTV10A) AI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C12	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
2		C18	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
3		C20	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
4		C24	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
5		C3	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
6		C7	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	

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**386000120146M CONNECTOR BD ASS'Y (VM60P HDTV10A) MI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1	J1		0451-2006-1603	WAFER 2.0mm 2*8P 180' (A2006WV0-2x8P) L-F	1	
2	W1		0302-9060-0022	RCA JACK 2ROW 6I/O (Y-W-R) L-F	1	
3	W2		0300-3080-0020	S-VIDEO 8P (2MJ-2522U110)	1	

## 386000120146S CONNECTOR BD ASS'Y (VM60P HDTV10A) SMD

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0171-3871-0151	PCB CONN. BD FR4 74*45*1.6t S (VX50P	1	
2		C1	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
3	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
4		C16	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
5	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
6		C17	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
7	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
8		C23	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
9	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
10		C6	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
11	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
12		C9	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
13	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
14		FB1	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
15		FB2	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
16		FB3	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
17		FB4	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
18		FB5	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
19		FB6	0370-0000-4681	BEAD 80ohm 4A 1206 (GB321611J800TM) LF	1	
20		Q1	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
21	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
22		Q2	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
23	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
24		Q3	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
25	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
26		Q4	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
27	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
28		Q5	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
29	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
30		Q6	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
31	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
32		R1	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
33		R10	0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
34		R11	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
35		R12	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
36		R13	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
37		R14	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
38		R15	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
39		R16	0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
40		R17	0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
41		R18	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
42		R19	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43	R2		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
44	R20		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
45	R21		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
46	R22		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
47	R23		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
48	R24		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
49	R25		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
50	R26		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
51	R27		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
52	R28		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
53	R29		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
54	R3		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
55	R30		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
56	R31		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
57	R32		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
58	R33		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
59	R34		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
60	R35		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
61	R36		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
62	R37		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
63	R38		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
64	R39		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
65	R4		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
66	R40		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
67	R41		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
68	R42		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
69	R43		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
70	R44		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
71	R45		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
72	R46		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
73	R47		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
74	R48		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
75	R5		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
76	R6		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
77	R7		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
78	R8		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
79	R9		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
80	VZ1		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
81	VZ10		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
82	VZ2		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
83	VZ3		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
84	VZ4		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
85	VZ5		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
86	VZ6		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
87	VZ7		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
88	VZ8		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	
89	VZ9		0272-0052-2090	ESD PROTECTOR 22V SMD (CDS3C20GTA) LF	1	



**386000120187A VIDEO BOX BD ASS'Y (VM60P HDTV10A) AI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C11	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
2		C12	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
3		C122	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
4		C135	0103-1479-1511	E/C VT 4.7uF 50V 105°C F-T (5*11mm)	1	
5		C140	0103-1479-1511	E/C VT 4.7uF 50V 105°C F-T (5*11mm)	1	
6		C148	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
7		C150	0103-1470-1211	E/C VT 47uF 16V 105°C F-T (5*11mm)	1	
8		C164	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
9		C17	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
10		C18	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
11		C185	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
12		C19	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
13		C20	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
14		C207	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
15		C239	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
16		C25	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
17		C251	0103-1220-1511	E/C VT 22uF 50V 105°C F-T (5*11mm)	1	
18		C26	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
19		C29	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
20		C34	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
21		C5	0103-1221-1211	E/C VZ 220uF 16V 105°C F-T (6.3*11mm)	1	
22		C64	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
23		C74	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
24		C82	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
25		C99	0103-1100-1511	E/C VT 10uF 50V 105°C F-T (5*11mm)	1	
26		L1	0370-0000-1011	FERRITE CORE RH 3.5X6X1.0(W)X2 L-F	1	

**386000120187M VIDEO BOX BD ASS'Y (VM60P HDTV10A) MI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C1	0103-6102-1212	E/C HF 1000uF 16V 105°C F (10*20)	1	
2	SS		0103-6102-1210	E/C HF 1000uF 16V 105°C N-F (10*20)		
3		C111	0102-2470-1370	E/C L-L 47uF 25V 105°C NF-T 5*11 (KY LF)	1	
4		C13	0103-6102-1212	E/C HF 1000uF 16V 105°C F (10*20)	1	
5	SS		0103-6102-1210	E/C HF 1000uF 16V 105°C N-F (10*20)		
6		C244	0103-6102-1212	E/C HF 1000uF 16V 105°C F (10*20)	1	
7	SS		0103-6102-1210	E/C HF 1000uF 16V 105°C N-F (10*20)		
8		C4	0102-2101-1370	E/C L-L 100uF 25V 105°C NF-T 6.3*11 (KY LF)	1	
9	SS		0103-0101-1310	E/C L-L 100uF 25V 105°C NF-T 6.3*11 HW L-F		
10		C8	0102-2101-1370	E/C L-L 100uF 25V 105°C NF-T 6.3*11 (KY LF)	1	
11	SS		0103-0101-1310	E/C L-L 100uF 25V 105°C NF-T 6.3*11 HW L-F		
12		D1	0390-6006-6272	SCHOTTKY DIODE 5A 40V SB540 DIP T LF	1	
13		D5	0390-6006-6272	SCHOTTKY DIODE 5A 40V SB540 DIP T LF	1	
14		J2	0451-2500-0543	WAFER 2.50mm 5P 90° KINK (A2501WR2-5P) L-F	1	
15		L37	0360-1000-0151	COIL CHOKE 70uH 3A LF	1	
16		L5	0360-1000-0151	COIL CHOKE 70uH 3A LF	1	
17		P2	0202-6000-0003	RJ11 6P6C Gray UNDER CONTACT L-F	1	
18		REWORK	0111-3689-5107	C/M Multi. 6.8pF 50V NPO 0402	1	
19		U1	0430-6011-3210	IC MC7805CTG 3PIN TO-220 LF	1	
20	SS		0430-6011-3242	IC REGULATOR AZ7805T-E1 TO-220 3PIN LF		
21		U6	0980-0102-7010	MODULE TUNER (FQD1236/F H-5) LF	1	
22		Y1	0280-2500-0012	X'TAL 25MHZ 49/US 30PPM 20PF LF	1	

**386000120187S VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000120187B	VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD	1	
2			386000120187T	VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD	1	

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**386000120189M IR BD ASS'Y (VM60P HDTV10A) MI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		UR1	0980-0200-2030	MODULE. IR RECEIVER (FM-6038LM-5A)	1	
2		WR1	0451-2000-0466	WAFER 2.0mm 4P 90' DIP KINK (M24264R) L-F	1	

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**386000120189S IR BD ASS'Y (VM60P HDTV10A) SMD**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0171-1671-0512	PCB IR BD FR4 52*19*1.6t D (VM60P	1	
2		CR1	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
3	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
4		CR2	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
5	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
6		CR3	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
7	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
8		LR1	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
9		RR1	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
10		RR2	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
11		RR3	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
12		UR2	0430-1010-0035	IC TTL NC7SZ14M5X 5PIN SOT-23 LF	1	
13		ZDR1	0400-0881-5012	ZENER 8.85~9.23V UDZSTE-179.1B 1/5W	1	

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**3860-0012-0395 SCREW ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			1712-0101-1280	SAFETY STRAP(VM60P HDTV10A)	1	
2			1720-8508-2050	MAC. SCREW-SFW, M8.0*20.0L,BLK	1	
3			1721-0003-0850	TAP. SCREW-TB #3.0*8.0L,BLK-Ni	6	
4			1925-1100-0430	PE BAG (70.0*100.0*0.04t) (No,#3)	1	
5			1925-1100-0670	PE BAG (120.0*170.0*0.04t)(No.#6)	1	

### 386000320150A MAIN BD ASS'Y (VM60P HDTV10A)

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		CE10	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
2		CE11	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
3		CE12	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
4		CE13	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
5		CE15	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
6		CE17	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
7		CE19	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
8		CE22	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
9	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
10		CE25	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
11	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
12		CE26	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
13	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
14		CE27	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
15		CE28	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
16		CE29	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
17		CE31	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
18	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
19		CE32	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
20		CE33	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
21	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
22		CE35	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
23	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
24		CE37	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
25	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
26		CE38	0103-1339-1511	E/C VT 3.3uF 50V 105°C F-T (5*11mm)	1	
27	SS		0102-1339-1571	E/C 3.3uF 50V 105°C (5*11) KMG L-F		
28		CE40	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
29	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
30		CE41	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
31	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
32		CE42	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
33	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
34		CE43	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
35	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
36		CE44	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
37	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
38		CE45	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
39	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
40		CE46	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
41	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
42		CE47	0103-1330-1511	E/C VT 33uF 50V 105°C F-T (6.3*11mm) L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43		CE49	0103-1330-1511	E/C VT 33uF 50V 105°C F-T (6.3*11mm) L-F	1	
44		CE5	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
45	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
46		CE52	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
47	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
48		CE53	0103-1101-1311	E/C VT 100uF 25V 105°C F-T (6.3*11mm)	1	
49		CE54	0103-1339-1511	E/C VT 3.3uF 50V 105°C F-T (5*11mm)	1	
50	SS		0102-1339-1571	E/C 3.3uF 50V 105°C (5*11) KMG L-F		
51		CE56	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
52	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
53		CE57	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
54	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
55		CE58	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
56	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
57		CE59	0102-2220-1571	E/C L-L 22uF 50V 105°C F-T 5*11 (KY LF)	1	
58	SS		0103-0220-1511	E/C L-L 22uF 50V 105°C F-T 5*11 HW L-F		
59		CE6	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
60		CE60	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
61		CE61	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
62		CE62	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
63		CE63	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
64		CE64	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
65		CE65	0103-1470-1311	E/C VT 47uF 25V 105°C F-T (5*11mm)	1	
66		CE69	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
67		CE70	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
68		CE72	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	
69		CE73	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
70	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
71		CE74	0102-2221-1371	E/C L-L 220uF 25V 105°C F-T 8*11.5 (KY LF)	1	
72	SS		0103-0221-1311	E/C L-L 220uF 25V 105°C F-T 8*11.5 HW L-F		
73		CE77	0103-1101-1311	E/C VT 100uF 25V 105°C F-T (6.3*11mm)	1	
74		CE78	0103-1101-1311	E/C VT 100uF 25V 105°C F-T (6.3*11mm)	1	
75		CE8	0102-2221-1271	E/C L-L 220uF 16V 105°C F-T 6.3*11 (KY LF)	1	



### 386000320150M MAIN BD ASS'Y (VM60P HDTV10A)

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		CE1	0102-2102-1172	E/C L-L 1000uF 10V 105°C NF-T 10*16 (KY LF)	1	
2		CE4	0102-2471-1372	E/C L-L 470uF 25V 105°C NF-T 10*16 (KY LF)	1	
3	SS		0104-2471-1370	E/C L-L 470uF 25V 105°C NF-T 10*16 YXG L-F		
4	SS		0106-2471-1370	E/C L-L 470uF 25V 105°C NF-T 10*16 HE L-F		
5		CE71	0102-2102-1172	E/C L-L 1000uF 10V 105°C NF-T 10*16 (KY LF)	1	
6		CN10	0451-1250-0363	WAFER 1.25mm 3P 90° KINK (A1251WR0-3P) L-F	1	
7		CN2	0451-2000-0506	WAFER 2.0mm 5P 180° DIP KINK (M24265) L-F	1	
8	SS		0451-2003-0503	WAFER 2.00mm 5P 180° KINK (A2001WV2-5P) L-F		
9		CN21	0451-2006-1203	WAFER 2.0mm 2*6P 180° (A2006WV0-2x6P) L-F	1	
10	SS		0451-2006-1206	WAFER 2.0mm 2*6P 180° (MD24215P6) L-F		
11		CN22	0451-2500-0316	WAFER 2.5mm 3P 180° DIP KINK (M241853) L-F	1	
12	SS		0451-2500-0313	WAFER 2.50mm 3P 180° KINK (A2501WV2-3P) L-F		
13		CN23	0451-2500-0316	WAFER 2.5mm 3P 180° DIP KINK (M241853) L-F	1	
14	SS		0451-2500-0313	WAFER 2.50mm 3P 180° KINK (A2501WV2-3P) L-F		
15		CN3	0451-2000-1006	WAFER 2.0mm 10P 180° DIP KINK (M242610) L-F	1	
16	SS		0451-2003-1003	WAFER 2.00mm 10P 180° KINK (A2001WV2-10P)		
17		CN5	0451-2000-0506	WAFER 2.0mm 5P 180° DIP KINK (M24265) L-F	1	
18	SS		0451-2003-0503	WAFER 2.00mm 5P 180° KINK (A2001WV2-5P) L-F		
19		CN7	0451-2000-1206	WAFER 2.0mm 12P 180° DIP KINK (M242612) L-F	1	
20	SS		0451-2003-1203	WAFER 2.00mm 12P 180° KINK (A2001WV2-12P)		
21		CN9	0451-2006-1603	WAFER 2.0mm 2*8P 180° (A2006WV0-2x8P) L-F	1	
22	SS		0451-2006-1606	WAFER 2.0mm 2*8P 180° (MD24215P8) L-F		
23		JP3	0290-2510-3019	PIN HEADER 1*3PIN 2.54mm 180° L-F	1	
24		JP3(1-2)	0300-2250-0027	MINI JUMPER 2.54MM 2P CLOSE	1	
25		L8	0361-1000-0430	COIL CHOKE 50uH 1A 9*12	1	
26		REWORK	0111-3102-5116	C/M MULTI 1000PF 50V X7R 0603	1	
27		U21	0430-6011-3210	IC MC7805CTG 3PIN TO-220 LF	1	
28	SS		0430-6011-3204	IC LM7805CT TO-220 3PIN LF		
29	SS		0430-6011-3242	IC REGULATOR AZ7805T-E1 TO-220 3PIN LF		
30		U25	0430-6014-3056	IC KIA7808API 3PIN TO-220 LF	1	
31		U3	0430-6011-3210	IC MC7805CTG 3PIN TO-220 LF	1	
32	SS		0430-6011-3204	IC LM7805CT TO-220 3PIN LF		
33	SS		0430-6011-3242	IC REGULATOR AZ7805T-E1 TO-220 3PIN LF		
34		W1	0302-9020-0114	RCA JACK 2ROW 2I/O (W-R) L-F	1	
35		W2	0302-0350-0012	PHONE JACK 3.5 φ 5P 90° +SHIELD L-F	1	
36		W3	0300-1205-3151	D-SUB FEMALE 90° 15P 3ROW	1	
37		W4	0302-9060-0020	RCA JACK 2ROW 6I/O (G-B-R)	1	
38		W5	0202-6000-0003	RJ11 6P6C Gray UNDER CONTACT L-F	1	
39		W6	0302-9040-0010	RCA JACK 2ROW 4I/O 90° (W-R) L-F	1	
40	SS		0302-9040-0011	RCA JACK 2ROW 4I/O 90° (W-R) (MKC21-4313N)		
41		W7	0302-9020-0114	RCA JACK 2ROW 2I/O (W-R) L-F	1	
42		W8	0300-6400-0030	OPTO CONN. Transmitter W/O Screw Hole L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43	SS		0300-6400-0031	OPTO CONN. Transmitter (134-0029-399A) L-F		
44		Y1	0280-1800-0052	X'TAL 18.432MHz 49US 30PPM 20PF 40ohm	1	
45		Y2	0280-2830-0112	X'TAL 28.322MHz 49US 30PPM 30PF + Pad	1	
46		Y3	0280-1100-0212	X'TAL 11.0592MHz 49US 30PPM 30PF + Pad	1	
47		Y4	0280-1960-0012	X'TAL 19.6608MHz 49US 30PPM 18PF + Pad	1	

**386000320150S MAIN BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			386000320150B	MAIN BD ASS'Y (VM60P HDTV10A)	1	
2			386000320150T	MAIN BD ASS'Y (VM60P HDTV10A)	1	

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**386000420156M DISPLAY BD ASS'Y (VM60P HDTV10A) MI**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		SWD1	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
2		SWD2	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
3		SWD3	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
4		SWD4	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
5		SWD5	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
6		SWD6	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
7		SWD7	0220-7020-0130	SW TACT 6*6mm 180' 160g SFKHHAM2525 L-F	1	
8		WD1	0451-1250-0766	WAFER 1.25mm 7P 90' DIP KINK (M24017R) L-F	1	
9	SS		0451-1250-0763	WAFER 1.25mm 7P 90' KINK (A1251WRO-7P) L-F		

**386000420156S DISPLAY BD ASS'Y (VM60P HDTV10A) SMD**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0171-1770-1813	PCB DISPLAY BD FR4 153*20*1.6t (VM60P	1	
2		CD1	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
3	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
4	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
5		CD2	0111-3104-1616	C/M Multi. 0.1uF 16V X7R 0603	1	
6	SS		0112-3104-1616	C/M Multi. 0.1uF 16V X7R 0603 L-F		
7		CD3	0111-3104-1616	C/M Multi. 0.1uF 16V X7R 0603	1	
8	SS		0112-3104-1616	C/M Multi. 0.1uF 16V X7R 0603 L-F		
9		LD1	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
10		RD2	0131-6819-0015	RES. MF 68.1ohm 1/10W F 0603	1	
11		RD3	0131-1130-0015	RES. MF 113ohm 1/10W F 0603	1	
12		RD4	0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
13		RD5	0131-7870-0015	RES. MF 787ohm 1/10W F 0603	1	
14		RD6	0131-3749-0015	RES. MF 37.4ohm 1/10W F 0603	1	
15		RD7	0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
16		RD8	0131-1130-0015	RES. MF 113ohm 1/10W F 0603	1	
17		RD9	0131-1130-0015	RES. MF 113ohm 1/10W F 0603	1	
18		ZD1	0400-0881-5012	ZENER 8.85~9.23V UDZSTE-179.1B 1/5W	1	
19		ZD2	0400-0881-5012	ZENER 8.85~9.23V UDZSTE-179.1B 1/5W	1	
20		ZD3	0400-0881-5012	ZENER 8.85~9.23V UDZSTE-179.1B 1/5W	1	
21		ZD4	0400-0881-5012	ZENER 8.85~9.23V UDZSTE-179.1B 1/5W	1	

**386000120137B PDP AUDIO BD ASS'Y VM60P HDTV10A SMD BOT**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C122	0111-3309-5106	C/M MULTI. 3PF 50V NPO 0603	1	
2	SS		0112-3309-5106	C/M Multi. 3PF 50V NPO 0603		
3		C123	0111-3309-5106	C/M MULTI. 3PF 50V NPO 0603	1	
4	SS		0112-3309-5106	C/M Multi. 3PF 50V NPO 0603		
5		C128	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
6	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
7		C129	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
8	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
9		C130	0111-3474-2536	C/M Multi 0.47uF 25V Y5V 0603	1	
10	SS		0112-3474-2536	C/M Multi 0.47uF 25V Y5V 0603 L-F		
11		C131	0111-3474-2536	C/M Multi 0.47uF 25V Y5V 0603	1	
12	SS		0112-3474-2536	C/M Multi 0.47uF 25V Y5V 0603 L-F		
13		C132	0111-3391-5106	C/M MULTI 390PF 50V NPO 0603	1	
14	SS		0112-3391-5106	C/M Multi. 390PF 50V NPO 0603		
15		C133	0111-3391-5106	C/M MULTI 390PF 50V NPO 0603	1	
16	SS		0112-3391-5106	C/M Multi. 390PF 50V NPO 0603		
17		C134	0111-3100-5106	C/M MULTI. 10PF 50V NPO 0603 (0603CG100J9B)	1	
18	SS		0112-3100-5106	C/M MULTI. 10PF 50V NPO 0603		
19		C135	0111-3100-5106	C/M MULTI. 10PF 50V NPO 0603 (0603CG100J9B)	1	
20	SS		0112-3100-5106	C/M MULTI. 10PF 50V NPO 0603		
21		C138	0111-3104-5115	C/M MULTI 0.1uF 50V X7R 0805	1	
22	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
23		C139	0111-3104-5115	C/M MULTI 0.1uF 50V X7R 0805	1	
24	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
25		C172	0111-3309-5106	C/M MULTI. 3PF 50V NPO 0603	1	
26	SS		0112-3309-5106	C/M Multi. 3PF 50V NPO 0603		
27		C173	0111-3309-5106	C/M MULTI. 3PF 50V NPO 0603	1	
28	SS		0112-3309-5106	C/M Multi. 3PF 50V NPO 0603		
29		C178	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
30	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
31		C179	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
32	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
33		C180	0111-3474-2536	C/M Multi 0.47uF 25V Y5V 0603	1	
34	SS		0112-3474-2536	C/M Multi 0.47uF 25V Y5V 0603 L-F		
35		C181	0111-3474-2536	C/M Multi 0.47uF 25V Y5V 0603	1	
36	SS		0112-3474-2536	C/M Multi 0.47uF 25V Y5V 0603 L-F		
37		C182	0111-3391-5106	C/M MULTI 390PF 50V NPO 0603	1	
38	SS		0112-3391-5106	C/M Multi. 390PF 50V NPO 0603		
39		C183	0111-3391-5106	C/M MULTI 390PF 50V NPO 0603	1	
40	SS		0112-3391-5106	C/M Multi. 390PF 50V NPO 0603		
41		C184	0111-3100-5106	C/M MULTI. 10PF 50V NPO 0603 (0603CG100J9B)	1	
42	SS		0112-3100-5106	C/M MULTI. 10PF 50V NPO 0603		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43		C185	0111-3100-5106	C/M MULTI. 10PF 50V NPO 0603 (0603CG100J9B)	1	
44	SS		0112-3100-5106	C/M MULTI. 10PF 50V NPO 0603		
45		C188	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
46	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
47		C189	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
48	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
49		R129	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
50		R130	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
51		R131	0130-1009-0055	RES. CF 10ohm 1/10W J 0603	1	
52		R132	0130-1009-0055	RES. CF 10ohm 1/10W J 0603	1	
53		R133	0131-4992-0015	RES. MF 49.9Kohm 1/10W F 0603	1	
54		R134	0131-4992-0015	RES. MF 49.9Kohm 1/10W F 0603	1	
55		R135	0130-1009-1858	RES. CF 10ohm 1/8W J 0805	1	
56		R136	0130-1009-1858	RES. CF 10ohm 1/8W J 0805	1	
57		R178	0130-1009-0055	RES. CF 10ohm 1/10W J 0603	1	
58		R179	0130-1009-0055	RES. CF 10ohm 1/10W J 0603	1	
59		R180	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
60		R181	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
61		R182	0131-4992-0015	RES. MF 49.9Kohm 1/10W F 0603	1	
62		R183	0131-4992-0015	RES. MF 49.9Kohm 1/10W F 0603	1	
63		R184	0130-1009-1858	RES. CF 10ohm 1/8W J 0805	1	
64		R185	0130-1009-1858	RES. CF 10ohm 1/8W J 0805	1	
65		SD12	0390-6006-5293	SCHOTTKY DIODE 3A 40V B340-13-F SMC L-F	1	
66		SD4	0390-6006-8293	SCHOTTKY DIODE 2A 40V B240-13-F SMB L-F	1	
67		SD5	0390-6006-8293	SCHOTTKY DIODE 2A 40V B240-13-F SMB L-F	1	
68		SD8	0390-6006-8293	SCHOTTKY DIODE 2A 40V B240-13-F SMB L-F	1	
69		SD9	0390-6006-8293	SCHOTTKY DIODE 2A 40V B240-13-F SMB L-F	1	
70		U7	0430-7043-3620	IC 50W AUDIO AMP MP7782DF-LF-Z 20PIN	1	
71		U8	0430-7043-3620	IC 50W AUDIO AMP MP7782DF-LF-Z 20PIN	1	
72		ZD2	0400-0681-2713	ZENER 6.46V-7.14V MMSZ5235B 1/2W SOD-123	1	
73		ZD3	0400-0681-2713	ZENER 6.46V-7.14V MMSZ5235B 1/2W SOD-123	1	
74		ZD4	0400-0681-2713	ZENER 6.46V-7.14V MMSZ5235B 1/2W SOD-123	1	
75		ZD5	0400-0681-2713	ZENER 6.46V-7.14V MMSZ5235B 1/2W SOD-123	1	

### 386000120137T PDP AUDIO BD ASS'Y VM60P HDTV10A SMD TOP

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0171-2871-0132	PCB AUDIO BD FR4 100*100*1.6t (VM60P	1	
2		C110	0111-3471-5116	C/M MULTI. 470PF 50V X7R 0603	1	
3	SS		0112-3471-5116	C/M Multi. 470PF 50V X7R 0603 L-F		
4		C111	0111-3471-5116	C/M MULTI. 470PF 50V X7R 0603	1	
5	SS		0112-3471-5116	C/M Multi. 470PF 50V X7R 0603 L-F		
6		C112	0111-3471-5116	C/M MULTI. 470PF 50V X7R 0603	1	
7	SS		0112-3471-5116	C/M Multi. 470PF 50V X7R 0603 L-F		
8		C113	0111-3471-5116	C/M MULTI. 470PF 50V X7R 0603	1	
9	SS		0112-3471-5116	C/M Multi. 470PF 50V X7R 0603 L-F		
10		C124	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
11	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
12		C125	0111-3222-5116	C/M MULTI. 2200PF 50V X7R 0603	1	
13	SS		0112-3222-5116	C/M MULTI 2200PF 50V X7R 0603 L-F		
14		C174	0111-3222-5116	C/M MULTI. 2200PF 50V X7R 0603	1	
15	SS		0112-3222-5116	C/M MULTI 2200PF 50V X7R 0603 L-F		
16		C175	0112-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805	1	
17	SS		0111-3105-5135	C/M MULTI 1.0uF 50V Y5V 0805 L-F		
18		C193	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
19	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
20		C194	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
21	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
22		C200	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
23	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
24		C202	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
25	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
26		C206	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
27	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
28		C209	0111-3104-5115	C/M MULTI 0.1UF 50V X7R 0805	1	
29	SS		0112-3104-5115	C/M MULTI 0.1uF 50V X7R 0805 L-F		
30		D10	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
31	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
32	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
33	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
34	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
35	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
36		D11	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
37	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
38	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
39	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
40	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
41	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
42		D12	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
44	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
45	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
46	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
47	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
48		D2	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
49	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
50	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
51	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
52	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
53	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
54		D3	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
55	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
56	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
57	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
58	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
59	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
60		D4	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
61	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
62	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
63	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
64	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
65	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
66		D5	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
67	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
68	SS		0390-5000-1053	GEN. DIODE 1N4148 SMD		
69	SS		0390-5000-1093	GEN. DIODE FDLL4148 SMD		
70	SS		0390-5000-1223	GEN. DIODE RLS4148 SMD		
71	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
72		FB2	0370-0001-0752	CHIP BEAD CORE 120ohm	1	
73		FB3	0370-0001-0752	CHIP BEAD CORE 120ohm	1	
74		FB5	0370-0001-0752	CHIP BEAD CORE 120ohm	1	
75		FB6	0370-0001-0752	CHIP BEAD CORE 120ohm	1	
76		L10	0370-0001-4282	CHIP BEAD 80ohm 6A 0805 (GB201212K800TM)	1	
77		L11	0370-0001-4282	CHIP BEAD 80ohm 6A 0805 (GB201212K800TM)	1	
78		L2	0360-1000-0410	POWER INDUCTOR L:15uH 4.7A 12x12mm SMD	1	
79	SS		0360-1000-0440	POWER INDUCTOR L:15uH 4.7A 12.5x12.5mm		
80		L3	0360-1000-0410	POWER INDUCTOR L:15uH 4.7A 12x12mm SMD	1	
81	SS		0360-1000-0440	POWER INDUCTOR L:15uH 4.7A 12.5x12.5mm		
82		L4	0360-1000-0410	POWER INDUCTOR L:15uH 4.7A 12x12mm SMD	1	
83	SS		0360-1000-0440	POWER INDUCTOR L:15uH 4.7A 12.5x12.5mm		
84		L5	0360-1000-0410	POWER INDUCTOR L:15uH 4.7A 12x12mm SMD	1	
85	SS		0360-1000-0440	POWER INDUCTOR L:15uH 4.7A 12.5x12.5mm		
86		Q1	0411-0000-7612	TR NPN 30mA 50V DTC144EKA-T146 SMT3 LF	1	
87		Q2	0411-0000-7612	TR NPN 30mA 50V DTC144EKA-T146 SMT3 LF	1	
88		Q3	0410-5000-5719	TRANSISTOR KN3906S SOT-23 LF	1	
89		Q4	0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90	SS		0420-1004-9610	MOSFET N-CH 2N7002LT1G 60V 115mA SMD		
91	SS		0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF		
92	SS		0420-1004-9630	MOSFET N-CH 2N7002-7-F 115mA 60V SMD		
93		R108	0130-1101-0055	RES. CF 1.1Kohm 1/10W J 0603	1	
94		R109	0130-1101-0055	RES. CF 1.1Kohm 1/10W J 0603	1	
95		R110	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
96		R111	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
97		R112	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
98		R113	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
99		R114	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
100		R115	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
101		R116	0130-1500-0055	RES. CF 150ohm 1/10W J 0603	1	
102		R117	0130-1500-0055	RES. CF 150ohm 1/10W J 0603	1	
103		R120	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
104		R121	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
105		R122	0130-6801-0055	RES. CF 6.8Kohm 1/10W J 0603	1	
106		R123	0130-6801-0055	RES. CF 6.8Kohm 1/10W J 0603	1	
107		R124	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
108		R125	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
109		R126	0130-1202-0055	RES. CF 12Kohm 1/10W J 0603	1	
110		R127	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
111		R128	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
112		R170	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
113		R171	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
114		R172	0130-6801-0055	RES. CF 6.8Kohm 1/10W J 0603	1	
115		R173	0130-6801-0055	RES. CF 6.8Kohm 1/10W J 0603	1	
116		R174	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
117		R175	0130-1202-0055	RES. CF 12Kohm 1/10W J 0603	1	
118		R176	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
119		R177	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
120		R186	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
121		R187	0130-2209-0055	RES. CF 22ohm 1/10W J 0603	1	
122		R188	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
123		R189	0130-1002-0055	RES. CF 10Kohm 1/10W J 0603	1	
124		R190	0130-1003-0055	RES. CF 100Kohm 1/10W J 0603	1	
125		R200	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
126		R201	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
127		R202	0130-2002-0055	RES. CF 20Kohm 1/10W J 0603	1	
128		R203	0130-4709-0055	RES. CF 47ohm 1/10W J 0603	1	
129		SD10	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	
130	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
131		SD11	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	
132	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
133		SD14	0390-6006-5293	SCHOTTKY DIODE 3A 40V B340-13-F SMC L-F	1	
134		SD2	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	
135	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
136		SD3	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
137	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
138		SD6	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	
139	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
140		SD7	0390-6004-9293	Schottky Diode 1A 40V B140B-13-F SMB L-F	1	
141	SS		0390-6007-2273	Schottky Diode 1A 40V SK14 SMB LF		
142		U1	0430-1008-6088	IC NJM4558M-TE2_PB SO8(DMP8) L-F	1	
143	SS		0430-1010-9088	IC DUAL OP AMP NJM4558M-TE3_PB SO8(DMP8)		
144		U6	0430-1008-6088	IC NJM4558M-TE2_PB SO8(DMP8) L-F	1	
145	SS		0430-1010-9088	IC DUAL OP AMP NJM4558M-TE3_PB SO8(DMP8)		

**386000120187B VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD BOT**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C100	0112-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F	1	
2	SS		0111-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F		
3		C101	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
4	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
5		C102	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
6	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
7		C103	0112-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F	1	
8	SS		0111-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F		
9		C104	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
10	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
11		C105	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
12	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
13		C106	0112-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F	1	
14	SS		0111-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F		
15		C107	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
16	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
17		C108	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
18	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
19		C109	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
20	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
21		C110	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
22	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
23		C112	0112-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F	1	
24	SS		0111-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F		
25		C113	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
26	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
27		C114	0112-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F	1	
28	SS		0111-3475-1115	C/M MULTI 4.7uF 10V X7R 0805 L-F		
29		C115	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
30	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
31		C116	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
32	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
33		C117	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
34	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
35		C118	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
36	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
37		C119	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
38	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
39		C120	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
40	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
41		C121	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
42	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43		C123	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
44	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
45		C124	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
46	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
47		C125	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
48	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
49		C126	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
50	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
51		C127	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
52	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
53		C128	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
54	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
55		C129	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
56	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
57		C130	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
58	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
59		C131	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
60	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
61		C132	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
62	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
63		C133	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
64	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
65		C134	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
66	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
67		C136	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
68	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
69		C137	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
70	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
71		C139	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
72	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
73		C14	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
74	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
75		C142	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
76	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
77		C143	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
78	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
79		C144	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
80	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
81		C145	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
82	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
83		C146	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
84	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
85		C147	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
86	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
87		C15	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
88	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
89		C158	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
91		C160	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
92	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
93		C161	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
94	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
95		C162	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
96	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
97		C163	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
98	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
99		C165	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
100	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
101		C166	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
102	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
103		C167	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
104	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
105		C168	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
106	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
107		C169	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
108	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
109		C170	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
110	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
111		C171	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
112	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
113		C172	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
114	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
115		C173	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
116	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
117		C174	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
118	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
119		C175	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
120	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
121		C176	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
122	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
123		C177	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
124	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
125		C178	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
126	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
127		C179	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
128	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
129		C180	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
130	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
131		C181	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
132	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
133		C182	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
134	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
135		C183	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
136	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
137		C184	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
138	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
139		C186	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
140	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
141		C187	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
142	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
143		C188	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
144	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
145		C189	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
146	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
147		C190	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
148	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
149		C191	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
150	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
151		C192	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
152	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
153		C193	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
154	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
155		C194	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
156	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
157		C195	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
158	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
159		C198	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
160	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
161		C199	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
162	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
163		C200	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
164	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
165		C201	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
166	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
167		C202	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
168	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
169		C203	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
170	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
171		C205	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
172	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
173		C209	0111-3100-5107	C/M Multi. 10PF 50V NPO J 0402	1	
174	SS		0112-3100-5107	C/M Multi. 10PF 50V NPO 0402		
175		C57	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
176	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
177		C61	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
178	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
179		C65	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
180	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
181		C66	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
182	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
183		C67	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
184	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
185		C68	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
186	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
187		C69	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
188	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
189		C70	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
190	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
191		C72	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
192	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
193		C73	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
194	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
195		C75	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
196	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
197		C76	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
198	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
199		C77	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
200	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
201		C78	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
202	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
203		C79	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
204	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
205		C80	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
206	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
207		C81	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
208	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
209		C83	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
210	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
211		C84	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
212	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
213		C85	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
214	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
215		C86	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
216	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
217		C87	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
218	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
219		C88	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
220	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
221		C89	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
222	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
223		C90	0111-3562-5117	C/M Multi. 5600PF 50V X7R K 0402	1	
224	SS		0112-3562-5117	C/M Multi. 5600PF 50V X7R K 0402		
225		C93	0111-3152-5117	C/M Multi. 1500PF 50V X7R 0402	1	
226	SS		0112-3152-5117	C/M Multi. 1500PF 50V X7R 0402 L-F		
227		C94	0111-3152-5117	C/M Multi. 1500PF 50V X7R 0402	1	
228	SS		0112-3152-5117	C/M Multi. 1500PF 50V X7R 0402 L-F		
229		FB3	0371-6880-0482	CHIP COIL 0.68uH 300mA 0805	1	
230		L24	0370-0000-6452	CHIP BEAD CORE 80ohm	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
231		L26	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
232		L36	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
233		RP15	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
234		RP19	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
235		RP23	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
236		RP30	0141-2209-3851	ARRAY RES. A(X) 22ohm 4R J 8P	1	
237		RP31	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
238		R46	0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
239		R48	0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
240		R58	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
241		R60	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
242		R61	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
243		R62	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
244		R66	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
245		R75	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
246		R77	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
247		R78	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
248		R80	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
249		R85	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
250		R88	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
251			0171-1472-0355	PCB ATSC BD FR4 150*140*1.6t 4M	1	
252		RP11	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
253		C138	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
254	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
255		C141	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
256	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
257		C149	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
258	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
259		C151	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
260	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
261		C152	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
262	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
263		C153	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
264	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		

**386000120187T VIDEO BOX BD ASS'Y (VM60P HDTV10A) SMD TOP**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C154	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
2	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
3		C155	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
4	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
5		C156	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
6	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
7		C157	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
8	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
9		C159	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
10	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
11		C16	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
12	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
13		C196	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
14	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
15		C197	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
16	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
17		C204	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
18	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
19		C208	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
20	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
21		C21	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
22	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
23		C22	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
24	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
25		C23	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
26	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
27		C24	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
28	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
29		C241	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
30	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
31		C242	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
32	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
33		C245	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
34	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
35		C246	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
36	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
37		C247	0111-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402	1	
38	SS		0112-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402 L-F		
39		C250	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
40	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
41		C27	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
42	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43		C28	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
44	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
45		C30	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
46	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
47		C31	0111-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402	1	
48	SS		0112-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402 L-F		
49		C35	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
50	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
51		C52	0111-3473-2517	C/M Multi. 0.047uF 25V X7R 0402	1	
52	SS		0112-3473-2517	C/M Multi. 0.047uF 25V X7R 0402		
53		C53	0111-3473-2517	C/M Multi. 0.047uF 25V X7R 0402	1	
54	SS		0112-3473-2517	C/M Multi. 0.047uF 25V X7R 0402		
55		C54	0111-3103-5116	C/M MULTI 0.01UF 50V X7R 0603	1	
56	SS		0112-3103-5116	C/M Multi. 0.01uF 50V X7R 0603		
57		C56	0111-3103-5116	C/M MULTI 0.01UF 50V X7R 0603	1	
58	SS		0112-3103-5116	C/M Multi. 0.01uF 50V X7R 0603		
59		C58	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
60	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
61		C59	0111-3106-6055	C/M MULTI 10UF 6.3V X5R 0805	1	
62	SS		0112-3106-6055	C/M MULTI 10UF 6.3V X5R 0805		
63		C6	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
64	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
65		C60	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
66	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
67		C62	0111-3180-5107	C/M Multi. 18PF 50V NPO 0402	1	
68	SS		0112-3180-5107	C/M Multi. 18PF 50V NPO 0402		
69		C63	0111-3180-5107	C/M Multi. 18PF 50V NPO 0402	1	
70	SS		0112-3180-5107	C/M Multi. 18PF 50V NPO 0402		
71		C7	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
72	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
73		C71	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
74	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
75		C9	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
76	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
77		C95	0111-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402	1	
78	SS		0112-3104-1637	C/M Multi. 0.1uF 16V Y5V 0402		
79		C96	0111-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402	1	
80	SS		0112-3103-1637	C/M Multi. 0.01uF 16V Y5V 0402 L-F		
81		C97	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
82	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
83		C98	0111-3470-5107	C/M Multi. 47pF 50V NPO 0402	1	
84	SS		0112-3470-5107	C/M Multi. 47PF 50V NPO J 0402		
85		FB2	0371-6880-0482	CHIP COIL 0.68uH 300mA 0805	1	
86		FB4	0371-6880-0482	CHIP COIL 0.68uH 300mA 0805	1	
87		F1	0185-1302-0073	FUSE 125V/3A SMD (R451003) LF	1	
88		F2	0185-1302-0073	FUSE 125V/3A SMD (R451003) LF	1	
89		F3	0185-1202-0073	FUSE 125V/2A SMD (R45102) L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90		J1	0303-1007-0557	CONN. B TO FPC 0.5mm 55P 90'	1	
91		L10	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
92		L11	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
93		L12	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
94		L20	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
95		L21	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
96		L22	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
97		L23	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
98		L25	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
99		L27	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
100		L34	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
101		L4	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
102		L7	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
103		L8	0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
104		Q2	0411-3000-9622	TR NPN 0.1A 50V BC847B SOT-23 LF	1	
105	SS		0411-3000-9611	TR NPN 0.1A 50V BC847B SOT-23 LF		
106		RP1	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
107		RP10	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
108		RP12	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
109		RP13	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
110		RP14	0141-2209-3851	ARRAY RES. A(X) 22ohm 4R J 8P	1	
111		RP16	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
112		RP17	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
113		RP18	0141-2209-3851	ARRAY RES. A(X) 22ohm 4R J 8P	1	
114		RP2	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
115		RP20	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
116		RP21	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
117		RP22	0141-2209-3851	ARRAY RES. A(X) 22ohm 4R J 8P	1	
118		RP24	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
119		RP25	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
120		RP26	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
121		RP27	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
122		RP28	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
123		RP29	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
124		RP3	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
125		RP32	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
126		RP33	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
127		RP34	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
128		RP35	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
129		RP36	0141-4709-3851	ARRAY RES. A(X) 47ohm 4R J 8P	1	
130		RP37	0141-7509-3851	ARRAY RES. A(X) 75ohm 4R J 8P	1	
131		RP38	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
132		RP4	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
133		RP5	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
134		RP6	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
135		RP7	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	
136		RP8	0141-3309-3851	ARRAY RES. A(X) 33ohm 4R J 8P	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
137	RP9		0141-2208-3851	ARRAY RES. A(X) 2.2ohm 4R J 8P	1	
138	R10		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
139	R100		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
140	R101		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
141	R11		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
142	R117		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
143	R12		0371-2290-0152	CHIP COIL 2.2uH 0805 (MLI-201209-2R2M) LF	1	
144	R125		0130-3901-1654	RES. CF 3.9 Kohm 1/16W J 0402	1	
145	R126		0131-1211-1614	RES. MF 1.21K ohm 1/16W F 0402	1	
146	R127		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
147	R129		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
148	R13		0371-2290-0152	CHIP COIL 2.2uH 0805 (MLI-201209-2R2M) LF	1	
149	R130		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
150	R131		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
151	R14		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
152	R141		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
153	R142		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
154	R144		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
155	R146		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
156	R149		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
157	R150		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
158	R19		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
159	R2		0130-5600-1654	RES. CF 560ohm 1/16W J 0402	1	
160	R29		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
161	R3		0130-3300-1654	RES. CF 330ohm 1/16W J 0402	1	
162	R30		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
163	R31		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
164	R32		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
165	R35		0130-1004-1654	RES. CF 1Mohm 1/16W J 0402	1	
166	R36		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
167	R37		0130-3300-1654	RES. CF 330ohm 1/16W J 0402	1	
168	R38		0130-5600-1654	RES. CF 560ohm 1/16W J 0402	1	
169	R4		0130-2700-1654	RES. CF 270 ohm 1/16W J 0402	1	
170	R42		0130-8201-1654	RES. CF 8.2Kohm 1/16W J 0402	1	
171	R43		0130-1009-1654	RES. CF 10ohm 1/16W J 0402	1	
172	R45		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
173	R47		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
174	R49		0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
175	R50		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
176	R51		0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
177	R52		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
178	R53		0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
179	R54		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
180	R55		0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
181	R56		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
182	R57		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
183	R59		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
184		R6	0610-1210-1114	RES CHIP 121 OHM F 0402	1	
185		R63	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
186		R64	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
187		R65	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
188		R67	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
189		R68	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
190		R69	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
191		R7	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
192		R70	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
193		R71	0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
194		R73	0130-4709-1654	RES. CF 47ohm 1/16W J 0402	1	
195		R74	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
196		R8	0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
197		R81	0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
198		R87	0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
199		R89	0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
200		R9	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
201		R90	0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
202		R94	0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
203		R95	0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
204		U10	0430-7035-1999	IC MT5351AG 471PIN BGA LF	1	
205		U12	0430-7031-9603	IC DDR 16Mx16 NT5DS16M16CS-5T 66PIN	1	
206		U13	0430-7031-9603	IC DDR 16Mx16 NT5DS16M16CS-5T 66PIN	1	
207		U14	0430-6010-9028	IC G2996F1Uf 8PIN SOP-8(FD) LF	1	
208		U15	0430-3039-4645	IC MX29LV320CTTC-70G 48PIN TSOP LF	1	
209		U15X	0990-7003-2200	SOFTWARE VM60P HDTV10A CPU:VM60P	1	
210		U19	0430-6007-5075	IC AME1117CCGTZ 3PIN SOT-223 L-F	1	
211	SS		0430-6007-5079	IC AP1117E33LA LF SOT-223		
212		U2	0430-6013-4072	IC N2596SG-ADJ 3A 150KHZ TO-263-5L LF	1	
213	SS		0430-6015-2099	IC MSP1250-ADJS 3A 150KHZ TO-263-5L LF		
214		U21	0430-6013-4072	IC N2596SG-ADJ 3A 150KHZ TO-263-5L LF	1	
215	SS		0430-6015-2099	IC MSP1250-ADJS 3A 150KHZ TO-263-5L LF		
216		U22	0430-7032-9615	IC TS5V330DBQR 16PIN QSOP LF	1	
217		U3	0430-6006-1079	IC LDO AP1084KLA ADJ TO-263-3L LF	1	
218		U4	0430-6002-8079	IC AP1117E25LA SOT-223 L-F	1	
219		U5	0430-6009-1051	IC AMC1117SKF-ADJ SMD 3PIN SOT-223 LF	1	
220		U9	0430-7043-1999	IC DEMODULATOR MT5112BD LQFP 100PIN LF	1	
221		VZ1	0162-0000-0080	VARISTOR 80V EZJZ1V800AA 0603 LF	1	
222		VZ2	0162-0000-0080	VARISTOR 80V EZJZ1V800AA 0603 LF	1	
223		X1	0286-2700-0024	OSC 27MHz 25ppm 3.3V SMD VCXO	1	

**386000320150B MAIN BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1		C110	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
2	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
3		C111	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
4	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
5		C112	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
6	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
7	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
8		C113	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
9	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
10		C114	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
11	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
12		C115	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
13	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
14		C117	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
15	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
16		C118	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
17	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
18		C119	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
19	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
20		C120	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
21	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
22		C127	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
23	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
24	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
25		C128	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
26	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
27		C129	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
28	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
29		C130	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
30	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
31		C132	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
32	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
33		C133	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
34	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
35		C134	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
36	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
37		C135	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
38	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
39		C136	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
40	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
41		C137	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
42	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43		C139	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
44	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
45		C20	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
46	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
47	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
48		C21	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
49	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
50	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
51		C22	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
52	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
53		C23	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
54	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
55		C24	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
56	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
57		C25	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
58	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
59		C259	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
60	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
61		C26	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
62	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
63		C27	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
64	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
65		C275	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
66	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
67		C276	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
68	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
69		C277	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
70	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
71		C278	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
72	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
73		C28	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
74	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
75		C281	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
76	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
77		C283	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
78	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
79		C286	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
80	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
81		C288	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
82	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
83		C29	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
84	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
85		C297	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
86	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
87		C298	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
88	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
89		C30	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
91		C300	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
92	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
93		C301	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
94	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
95		C302	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
96	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
97		C303	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
98	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
99		C308	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
100	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
101		C309	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
102	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
103		C31	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
104	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
105		C311	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
106	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
107		C312	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
108	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
109		C314	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
110	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
111		C315	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
112	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
113		C316	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
114	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
115		C317	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
116	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
117		C32	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
118	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
119		C324	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
120	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
121		C33	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
122	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
123		C34	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
124	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
125		C343	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
126	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
127		C35	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
128	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
129		C36	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
130	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
131		C37	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
132	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
133		C38	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
134	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
135		C388	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
136	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
137	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
138		C389	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
139	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
140		C39	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
141	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
142	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
143		C390	0111-3226-1134	C/M MULTI 22uF 10V Y5V 1206	1	
144	SS		0112-3226-1134	C/M MULTI 22UF 10V Y5V 1206		
145		C40	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
146	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
147	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
148		C404	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
149	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
150		C405	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
151	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
152		C406	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
153	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
154		C41	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
155	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
156		C414	0111-3226-1134	C/M MULTI 22uF 10V Y5V 1206	1	
157	SS		0112-3226-1134	C/M MULTI 22UF 10V Y5V 1206		
158		C42	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
159	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
160		C43	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
161	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
162		C44	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
163	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
164		C45	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
165	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
166		C46	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
167	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
168		C47	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
169	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
170		C48	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
171	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
172		C49	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
173	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
174		C50	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
175	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
176		C51	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
177	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
178		C52	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
179	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
180		C53	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
181	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
182		C54	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
183	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
184		C55	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
185	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
186		C56	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
187	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
188	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
189		C57	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
190	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
191	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
192		C58	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
193	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
194		C59	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
195	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
196		C60	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
197	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
198		C61	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
199	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
200		C62	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
201	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
202		C63	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
203	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
204		C64	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
205	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
206		C65	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
207	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
208		C66	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
209	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
210		C67	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
211	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
212		C68	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
213	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
214		C69	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
215	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
216		C70	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
217	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
218		C78	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
219	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
220	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
221		C80	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
222	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
223	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
224		C81	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
225	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
226		C82	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
227	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
228		C91	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
229	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
230		C94	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
231	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
232		C95	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
233	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
234		C96	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
235	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
236		D24	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
237	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
238	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
239		D25	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
240	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
241	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
242		D26	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
243	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
244	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
245		D30	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
246		D31	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
247		D33	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
248		D34	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
249		D36	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
250		D37	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
251		D39	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
252		D40	0390-6005-2103	SCHOTTKY DIODE 0.5A/40V MBR0540T1G	1	
253		FB6	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
254		L2	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
255		L3	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
256		L4	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
257		L5	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
258		Q29	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
259	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
260		Q32	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
261	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
262		Q35	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
263	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
264		Q38	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
265	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
266		RN10	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
267		RN2	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
268		RN5	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
269		RN6	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
270		RN8	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
271		RV10	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
272		RV15	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
273		RV16	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
274		RV17	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
275		RV18	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
276		RV19	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
277		RV20	0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
278	RV21		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
279	RV22		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
280	RV27		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
281	RV28		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
282	RV29		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
283	RV3		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
284	RV30		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
285	RV31		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
286	RV32		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
287	RV33		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
288	RV34		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
289	RV39		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
290	RV4		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
291	RV40		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
292	RV41		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
293	RV42		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
294	RV43		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
295	RV44		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
296	RV45		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
297	RV46		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
298	RV5		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
299	RV6		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
300	RV7		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
301	RV8		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
302	RV9		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
303	R101		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
304	R108		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
305	R112		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
306	R113		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
307	R121		0131-2800-1614	RES. MF 280 ohm 1/16W F 0402	1	
308	R122		0131-2800-1614	RES. MF 280 ohm 1/16W F 0402	1	
309	R123		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
310	R126		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
311	R129		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
312	R131		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
313	R132		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
314	R133		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
315	R134		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
316	R135		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
317	R136		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
318	R137		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
319	R138		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
320	R142		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
321	R145		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
322	R154		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
323	R181		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
324	R201		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
325	R220		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
326	R259		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
327	R336		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
328	R337		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
329	R341		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
330	R389		0130-2002-1654	RES. CF 20Kohm 1/16W J 0402	1	
331	R391		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
332	R395		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
333	R396		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
334	R409		0130-2002-1654	RES. CF 20Kohm 1/16W J 0402	1	
335	R411		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
336	R412		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
337	R415		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
338	R420		0130-2002-1654	RES. CF 20Kohm 1/16W J 0402	1	
339	R424		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
340	R426		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
341	R427		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
342	R434		0130-2002-1654	RES. CF 20Kohm 1/16W J 0402	1	
343	R438		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
344	R440		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
345	R441		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
346	R528		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
347	R529		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
348	R530		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
349	R532		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
350	R533		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
351	R535		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
352	R536		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
353	R537		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
354	R539		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
355	R54		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
356	R540		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
357	R541		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
358	R542		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
359	R543		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
360	R544		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
361	R545		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
362	R546		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
363	R547		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
364	R548		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
365	R549		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
366	R550		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
367	R551		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
368	R552		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
369	R553		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
370	R554		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
371	R555		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
372	R556		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
373	R557		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
374	R558		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
375	R559		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
376	R56		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
377	R560		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
378	R561		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
379	R562		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
380	R563		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
381	R564		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
382	R565		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
383	R566		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
384	R567		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
385	R568		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
386	R569		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
387	R570		0130-2000-1654	RES. CF 200ohm 1/16W J 0402	1	
388	R605		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
389	R606		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
390	R635		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
391	R636		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
392	R637		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
393	R638		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
394	R644		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
395	R91		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
396	R92		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
397	R99		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	

**386000320150T MAIN BD ASS'Y (VM60P HDTV10A)**

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1			0171-2272-2243	PCB MAIN BD FR4 290*160*1.6t 4M (VM60P	1	
2		CN18	0303-2000-0313	Wire to Board 31P SMD (JAE, FI-TWE31PB-VF) L-F	1	
3		CN20	0303-1007-0557	CONN. B TO FPC 0.5mm 55P 90'	1	
4		C1	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
5	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
6		C10	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
7	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
8		C100	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
9	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
10		C101	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
11	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
12		C102	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
13	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
14		C103	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
15	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
16		C104	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
17	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
18		C105	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
19	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
20		C107	0111-3330-5107	C/M Multi. 33PF 50V NPO 0402	1	
21	SS		0112-3330-5107	C/M Multi. 33PF 50V NPO 0402 L-F		
22		C108	0111-3330-5107	C/M Multi. 33PF 50V NPO 0402	1	
23	SS		0112-3330-5107	C/M Multi. 33PF 50V NPO 0402 L-F		
24		C109	0111-3101-5107	C/M Multi. 100PF 50V NPO J 0402	1	
25	SS		0112-3101-5107	C/M Multi. 100PF 50V NPO J 0402		
26		C11	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
27	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
28		C12	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
29	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
30		C121	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
31	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
32		C122	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
33	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
34		C123	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
35	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
36		C124	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
37	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
38		C125	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
39	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
40		C126	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
41	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
42		C13	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
43	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
44		C131	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
45	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
46		C14	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
47	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
48		C145	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
49	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
50		C147	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
51	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
52		C148	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
53	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
54		C149	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
55	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
56		C15	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
57	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
58		C152	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
59	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
60		C153	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
61	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
62		C154	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
63	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
64		C155	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
65	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
66		C156	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
67	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
68		C157	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
69	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
70		C158	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
71	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
72		C159	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
73	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
74		C16	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
75	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
76		C160	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
77	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
78		C163	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
79	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
80		C165	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
81	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
82		C166	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
83	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
84		C167	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
85	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
86		C168	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
87	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
88		C17	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
89	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
90		C170	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
91	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
92		C171	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
93	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
94		C172	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
95	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
96		C173	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
97	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
98		C174	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
99	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
100	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
101		C175	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
102	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
103	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
104		C176	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
105	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
106		C177	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
107	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
108		C178	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
109	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
110	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
111		C179	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
112	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
113		C18	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
114	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
115		C180	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
116	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
117		C181	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
118	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
119		C182	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
120	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
121		C183	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
122	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
123		C184	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
124	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
125		C185	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
126	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
127		C186	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
128	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
129		C187	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
130	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
131		C188	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
132	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
133		C189	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
134	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
135		C19	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
136	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
137		C190	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
138	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
139		C191	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
140	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
141		C192	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
142	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
143		C193	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
144	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
145		C194	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
146	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
147		C195	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
148	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
149		C196	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
150	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
151		C197	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
152	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
153		C198	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
154	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
155		C199	0111-3331-5107	C/M Multi. 330PF 50V NPO 0402	1	
156	SS		0112-3331-5107	C/M Multi. 330PF 50V NPO J 0402		
157		C2	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
158	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
159		C200	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
160	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
161		C201	0112-3225-1615	C/M Multi. 2.2uF 16V X7R K 0805	1	
162	SS		0111-3225-1615	C/M MULTI 2.2uF 16V X7R K 0805 L-F		
163		C202	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
164	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
165		C203	0111-3105-1116	C/M MULTI 1.0uF 10V X7R 0603	1	
166	SS		0112-3105-1116	C/M MULTI 1.0uF 10V X7R 0603		
167		C204	0111-3105-1116	C/M MULTI 1.0uF 10V X7R 0603	1	
168	SS		0112-3105-1116	C/M MULTI 1.0uF 10V X7R 0603		
169		C205	0111-3105-1116	C/M MULTI 1.0uF 10V X7R 0603	1	
170	SS		0112-3105-1116	C/M MULTI 1.0uF 10V X7R 0603		
171		C206	0111-3105-1116	C/M MULTI 1.0uF 10V X7R 0603	1	
172	SS		0112-3105-1116	C/M MULTI 1.0uF 10V X7R 0603		
173		C207	0111-3105-1116	C/M MULTI 1.0uF 10V X7R 0603	1	
174	SS		0112-3105-1116	C/M MULTI 1.0uF 10V X7R 0603		
175		C208	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
176	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
177		C209	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
178	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
179		C210	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
180	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
181		C211	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
182	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
183		C212	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
184	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
185		C213	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
186	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
187		C215	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
188	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
189		C216	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
190	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
191		C217	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
192	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
193		C218	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
194	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
195		C219	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
196	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
197		C220	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
198	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
199	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
200		C221	0111-3101-5107	C/M Multi. 100PF 50V NPO J 0402	1	
201	SS		0112-3101-5107	C/M Multi. 100PF 50V NPO J 0402		
202		C222	0111-3101-5107	C/M Multi. 100PF 50V NPO J 0402	1	
203	SS		0112-3101-5107	C/M Multi. 100PF 50V NPO J 0402		
204		C223	0111-3152-5117	C/M Multi. 1500PF 50V X7R 0402	1	
205	SS		0112-3152-5117	C/M Multi. 1500PF 50V X7R 0402 L-F		
206		C224	0112-3471-5107	C/M Multi. 470pF 50V NPO J 0402	1	
207	SS		0111-3471-5107	C/M Multi. 470pF 50V NPO J 0402		
208		C225	0111-3101-5107	C/M Multi. 100PF 50V NPO J 0402	1	
209	SS		0112-3101-5107	C/M Multi. 100PF 50V NPO J 0402		
210		C226	0111-3560-5107	C/M Multi. 56PF 50V NPO J 0402	1	
211	SS		0112-3560-5107	C/M Multi. 56PF 50V NPO J 0402		
212		C228	0112-3471-5107	C/M Multi. 470pF 50V NPO J 0402	1	
213		C229	0111-3152-5117	C/M Multi. 1500PF 50V X7R 0402	1	
214	SS		0112-3152-5117	C/M Multi. 1500PF 50V X7R 0402 L-F		
215		C230	0111-3560-5107	C/M Multi. 56PF 50V NPO J 0402	1	
216	SS		0112-3560-5107	C/M Multi. 56PF 50V NPO J 0402		
217		C231	0111-3209-5107	C/M Multi. 2PF 50V NPO J 0402	1	
218	SS		0112-3209-5107	C/M Multi. 2PF 50V NPO J 0402 L-F		
219		C232	0111-3209-5107	C/M Multi. 2PF 50V NPO J 0402	1	
220	SS		0112-3209-5107	C/M Multi. 2PF 50V NPO J 0402 L-F		
221		C235	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
222	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
223		C236	0111-3152-5117	C/M Multi. 1500PF 50V X7R 0402	1	
224	SS		0112-3152-5117	C/M Multi. 1500PF 50V X7R 0402 L-F		
225		C237	0112-3471-5107	C/M Multi. 470pF 50V NPO J 0402	1	
226		C238	0111-3221-5107	C/M MULTI 220PF 50V NPO 0402	1	
227	SS		0112-3221-5107	C/M MULTI 220pF 50V NPO 0402		
228		C239	0111-3220-5107	C/M Multi. 22PF 50V NPO J 0402	1	
229	SS		0112-3220-5107	C/M Multi. 22PF 50V NPO J 0402		
230		C240	0111-3220-5107	C/M Multi. 22PF 50V NPO J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
231	SS		0112-3220-5107	C/M Multi. 22PF 50V NPO J 0402		
232		C253	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
233	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
234		C254	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
235	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
236		C255	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
237	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
238		C256	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
239	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
240		C257	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
241	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
242		C258	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
243	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
244		C260	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
245	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
246		C261	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
247	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
248		C262	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
249	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
250		C263	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
251	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
252		C264	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
253	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
254	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
255		C265	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
256	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
257	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
258		C266	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
259	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
260	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
261		C267	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
262	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
263		C268	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
264	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
265		C269	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
266	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
267		C270	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
268	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
269		C271	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
270	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
271		C272	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
272	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
273		C273	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
274	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
275		C274	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
276	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
277		C279	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
278	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
279	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
280		C280	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
281	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
282		C282	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
283	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
284		C285	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
285	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
286		C287	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
287	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
288		C289	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
289	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
290		C294	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
291	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
292		C295	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
293	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
294		C296	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
295	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
296	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
297		C299	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
298	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
299	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
300		C304	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
301	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
302		C305	0111-3180-5107	C/M Multi. 18PF 50V NPO 0402	1	
303	SS		0112-3180-5107	C/M Multi. 18PF 50V NPO 0402		
304		C306	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
305	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
306		C307	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
307	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
308		C310	0111-3180-5107	C/M Multi. 18PF 50V NPO 0402	1	
309	SS		0112-3180-5107	C/M Multi. 18PF 50V NPO 0402		
310		C313	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
311	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
312		C318	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
313	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
314	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
315		C319	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
316	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
317	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
318		C320	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
319	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
320		C321	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
321	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
322		C322	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
323	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
324		C323	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
325	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
326		C325	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
327	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
328		C326	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
329	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
330		C327	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
331	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
332		C328	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
333	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
334		C329	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
335	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
336		C330	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
337	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
338		C331	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
339	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
340		C332	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
341	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
342		C333	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
343	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
344		C334	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
345	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
346		C335	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
347	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
348		C336	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
349	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
350		C337	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
351	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
352		C338	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
353	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
354		C339	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
355	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
356		C340	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
357	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
358		C341	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
359	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
360		C342	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
361	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
362		C344	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
363	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
364		C345	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
365	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
366		C346	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
367	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
368		C347	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
369	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
370		C348	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
371	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
372		C349	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
373	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
374		C350	0111-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805	1	
375	SS		0112-3475-1135	C/M MULTI 4.7uF 10V Y5V 0805		
376		C351	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
377	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
378		C352	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
379	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
380		C353	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
381	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
382		C354	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
383	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
384		C355	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
385	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
386		C356	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
387	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
388		C357	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
389	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
390		C358	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
391	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
392		C359	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
393	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
394		C360	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
395	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
396		C361	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
397	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
398	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
399		C362	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
400	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
401		C363	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
402	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
403	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
404		C364	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
405	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
406		C365	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
407	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
408		C366	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
409	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
410		C367	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
411	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
412		C368	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
413	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
414		C369	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
415	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
416		C370	0111-3334-1115	C/M MULTI 0.33uF 10V X7R 0805	1	
417	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
418		C371	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
419	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
420		C372	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
421	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
422		C373	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
423	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
424		C374	0111-3334-1115	C/M MULTI 0.33UF 10V X7R 0805	1	
425	SS		0112-3334-1115	C/M Multi. 0.33uF 10V X7R 0805 L-F		
426		C375	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
427	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
428	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
429		C376	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
430	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
431		C377	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
432	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
433		C378	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
434	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
435		C379	0111-3220-5107	C/M Multi. 22PF 50V NPO J 0402	1	
436	SS		0112-3220-5107	C/M Multi. 22PF 50V NPO J 0402		
437		C381	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
438	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
439		C382	0111-3220-5107	C/M Multi. 22PF 50V NPO J 0402	1	
440	SS		0112-3220-5107	C/M Multi. 22PF 50V NPO J 0402		
441		C383	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
442	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
443		C384	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
444	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
445		C385	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
446	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
447		C386	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
448	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
449	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
450		C387	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
451	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
452	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
453		C391	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
454	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
455		C392	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
456	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
457		C393	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
458	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
459		C394	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
460	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
461		C395	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
462	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
463		C396	0111-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402	1	
464	SS		0112-3103-1617	C/M Multi. 0.01uF 16V X7R K 0402		
465		C401	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
466	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
467		C402	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
468	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
469		C411	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
470	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
471		C413	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
472	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
473		C416	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
474	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
475		C417	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
476	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
477		C420	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
478	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
479		C421	0111-3102-2517	C/M Multi. 1000PF 25V X7R K 0402	1	
480	SS		0112-3102-2517	C/M Multi. 1000PF 25V X7R K 0402 L-F		
481		C71	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
482	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
483	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
484		C72	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
485	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
486		C73	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
487	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
488		C74	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
489	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
490		C75	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
491	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
492	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
493		C76	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
494	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
495		C77	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
496	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
497		C79	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
498	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
499		C8	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
500	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
501		C83	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
502	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
503		C84	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
504	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
505	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
506		C85	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
507	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
508		C86	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
509	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
510		C87	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
511	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
512		C88	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
513	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
514	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
515		C89	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
516	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
517		C9	0111-3104-2516	C/M Multi. 0.1uF 25V X7R 0603	1	
518	SS		0112-3104-2516	C/M Multi. 0.1uF 25V X7R 0603		
519		C90	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
520	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
521		C92	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
522	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
523		C93	0111-3106-1614	C/M Multi. 10uF 16V X7R K 1206	1	
524	SS		0112-3106-1614	C/M MULTI 10uF 16V X7R 1206		
525	SS		0115-7106-1614	C/M MULTI 10uF 16V X7R 1206		
526		C97	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
527	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
528		C99	0111-3104-1617	C/M Multi. 0.1uF 16V X7R 0402	1	
529	SS		0112-3104-1617	C/M Multi. 0.1uF 16V X7R 0402		
530		D11	0390-6005-7063	SCHOTTKY DIODE SS14-E3/11T SMA LF	1	
531	SS		0390-6005-9283	SCHOTTKY DIODE SS14-S100 SMA LF		
532		D12	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
533	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
534	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
535		D13	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
536	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
537	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
538		D14	0390-5003-4293	DUAL SURFACE DIODE BAV70-7-F SMD (SOT-23)	1	
539	SS		0390-5003-4273	DUAL SURFACE DIODE BAV70 SMD (SOT-23)		
540		D15	0390-5003-5273	DUAL SURFACE DIODE BAV99 SMD (SOT-23) L-F	1	
541	SS		0390-5003-5293	DUAL SURFACE DIODES BAV99-7-F SOT-23 L-F		
542		D16	0390-5003-5273	DUAL SURFACE DIODE BAV99 SMD (SOT-23) L-F	1	
543	SS		0390-5003-5293	DUAL SURFACE DIODES BAV99-7-F SOT-23 L-F		
544		D17	0390-5003-5273	DUAL SURFACE DIODE BAV99 SMD (SOT-23) L-F	1	
545	SS		0390-5003-5293	DUAL SURFACE DIODES BAV99-7-F SOT-23 L-F		
546		D18	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
547	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
548	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
549		D19	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
550	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
551	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
552		D20	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
553	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
554	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
555		D21	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
556	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
557	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
558		D22	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
559	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
560	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
561		D23	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
562	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
563	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
564		D41	0390-6005-7063	SCHOTTKY DIODE SS14-E3/11T SMA LF	1	
565	SS		0390-6005-9283	SCHOTTKY DIODE SS14-S100 SMA LF		
566		D44	0390-5004-2343	GEN. DIODE LL4148WP SMD 1206 L-F	1	
567	SS		0390-3006-7353	DIODE FAST 0.3A 100V LL4148 LL-34 LF		
568	SS		0390-5004-2223	GEN. DIODE RLS4148NTE-11 SMD L-F		
569		D6	0390-6007-1293	SCHOTTKY DIODE 3A 50V B350A-13-F SMA LF	1	
570		D7	0390-6007-1293	SCHOTTKY DIODE 3A 50V B350A-13-F SMA LF	1	
571		D8	0390-6005-7063	SCHOTTKY DIODE SS14-E3/11T SMA LF	1	
572	SS		0390-6005-9283	SCHOTTKY DIODE SS14-S100 SMA LF		
573		D9	0390-6005-7063	SCHOTTKY DIODE SS14-E3/11T SMA LF	1	
574	SS		0390-6005-9283	SCHOTTKY DIODE SS14-S100 SMA LF		
575		FB10	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
576		FB11	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
577		FB14	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
578		FB16	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
579		FB17	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
580		FB18	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
581		FB19	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
582		FB2	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
583		FB20	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
584		FB21	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
585		FB22	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
586		FB23	0370-0000-9452	CHIP BEAD CORE 220ohm	1	
587		FB24	0370-0000-9452	CHIP BEAD CORE 220ohm	1	
588		FB25	0370-0000-9452	CHIP BEAD CORE 220ohm	1	
589		FB26	0370-0000-9452	CHIP BEAD CORE 220ohm	1	
590		FB27	0370-0000-9452	CHIP BEAD CORE 220ohm	1	
591		FB28	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
592		FB29	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
593		FB3	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
594		FB30	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
595		FB31	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
596		FB32	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
597		FB33	0370-0000-6452	CHIP BEAD CORE 80ohm	1	
598		FB34	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
599		FB4	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
600		FB5	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
601		FB7	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
602		FB8	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
603		FB9	0370-0000-4651	CHIP BEAD CORE 80ohm	1	
604		F1	0185-1402-0073	FUSE 125V/4A SMD (R45104) L-F	1	
605		F3	0185-1402-0073	FUSE 125V/4A SMD (R45104) L-F	1	
606		F4	0185-1402-0073	FUSE 125V/4A SMD (R45104) L-F	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
607		L6	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
608		L7	0370-2022-9120	CHIP COIL 2.2uH 1206 LF	1	
609		L9	0371-6880-0482	CHIP COIL 0.68uH 300mA 0805	1	
610		Q1	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
611	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
612		Q13	0410-5000-5710	TRANSISTOR MMBT3906LT1G SOT-23 L-F	1	
613	SS		0410-5000-5704	TRANSISTOR MMBT3906 SMD (SOT-23) LF		
614	SS		0410-5000-5711	TRANSISTOR PMBS3906 SMD LF		
615	SS		0410-5000-5719	TRANSISTOR KN3906S SOT-23 LF		
616		Q14	0410-5000-5610	TRANSISTOR MMBT3904LT1G SOT-23 L-F	1	
617	SS		0410-5000-5604	TRANSISTOR MMBT3904 SOT-23 L-F		
618	SS		0410-5000-5611	TRANSISTOR PMBS3904 SMD T LF		
619	SS		0410-5000-5612	TRANSISTOR SST3904FTE25 SOT-23 L-F		
620	SS		0410-5000-5619	TRANSISTOR KN3904S SOT-23 LF		
621	SS		0410-5000-5622	TRANSISTOR MMBT3904 NL SOT-23 L-F		
622		Q15	0410-5000-5610	TRANSISTOR MMBT3904LT1G SOT-23 L-F	1	
623	SS		0410-5000-5604	TRANSISTOR MMBT3904 SOT-23 L-F		
624	SS		0410-5000-5611	TRANSISTOR PMBS3904 SMD T LF		
625	SS		0410-5000-5612	TRANSISTOR SST3904FTE25 SOT-23 L-F		
626	SS		0410-5000-5619	TRANSISTOR KN3904S SOT-23 LF		
627	SS		0410-5000-5622	TRANSISTOR MMBT3904 NL SOT-23 L-F		
628		Q16	0410-5000-5710	TRANSISTOR MMBT3906LT1G SOT-23 L-F	1	
629	SS		0410-5000-5704	TRANSISTOR MMBT3906 SMD (SOT-23) LF		
630	SS		0410-5000-5711	TRANSISTOR PMBS3906 SMD LF		
631	SS		0410-5000-5719	TRANSISTOR KN3906S SOT-23 LF		
632		Q17	0410-5000-5610	TRANSISTOR MMBT3904LT1G SOT-23 L-F	1	
633	SS		0410-5000-5604	TRANSISTOR MMBT3904 SOT-23 L-F		
634	SS		0410-5000-5611	TRANSISTOR PMBS3904 SMD T LF		
635	SS		0410-5000-5612	TRANSISTOR SST3904FTE25 SOT-23 L-F		
636	SS		0410-5000-5619	TRANSISTOR KN3904S SOT-23 LF		
637	SS		0410-5000-5622	TRANSISTOR MMBT3904 NL SOT-23 L-F		
638		Q18	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
639	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
640		Q19	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
641	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
642		Q20	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
643	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
644		Q21	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
645	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
646		Q22	0410-5000-5710	TRANSISTOR MMBT3906LT1G SOT-23 L-F	1	
647	SS		0410-5000-5704	TRANSISTOR MMBT3906 SMD (SOT-23) LF		
648	SS		0410-5000-5711	TRANSISTOR PMBS3906 SMD LF		
649	SS		0410-5000-5719	TRANSISTOR KN3906S SOT-23 LF		
650		Q27	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
651	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
652		Q28	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
653	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
654		Q3	0411-0000-6612	TR NPN 0.5A 50V DTC114EKA-T146 SMT3 L-F	1	
655		Q30	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
656	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
657		Q31	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
658	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
659		Q33	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
660	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
661		Q34	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
662	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
663		Q36	0420-1006-4609	MOSFET N-CH 0.1A 50V UPA672T SC-70 LF	1	
664	SS		0420-1006-9621	MOSFET N-CH 20V 0.66A Si1902DL SOT-363 LF		
665		Q37	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
666	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
667		Q39	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
668	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
669		Q40	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
670	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
671		Q41	0410-5000-5610	TRANSISTOR MMBT3904LT1G SOT-23 L-F	1	
672	SS		0410-5000-5604	TRANSISTOR MMBT3904 SOT-23 L-F		
673	SS		0410-5000-5611	TRANSISTOR PMBS3904 SMD T LF		
674	SS		0410-5000-5612	TRANSISTOR SST3904FTE25 SOT-23 L-F		
675	SS		0410-5000-5619	TRANSISTOR KN3904S SOT-23 LF		
676	SS		0410-5000-5622	TRANSISTOR MMBT3904 NL SOT-23 L-F		
677		Q42	0410-5000-5610	TRANSISTOR MMBT3904LT1G SOT-23 L-F	1	
678	SS		0410-5000-5604	TRANSISTOR MMBT3904 SOT-23 L-F		
679	SS		0410-5000-5611	TRANSISTOR PMBS3904 SMD T LF		
680	SS		0410-5000-5612	TRANSISTOR SST3904FTE25 SOT-23 L-F		
681	SS		0410-5000-5619	TRANSISTOR KN3904S SOT-23 LF		
682	SS		0410-5000-5622	TRANSISTOR MMBT3904 NL SOT-23 L-F		
683		Q43	0411-3000-8611	TR NPN 1A 40V PBSS4140T SOT-23 LF	1	
684		Q6	0411-0000-6612	TR NPN 0.5A 50V DTC114EKA-T146 SMT3 L-F	1	
685		Q7	0411-0000-6612	TR NPN 0.5A 50V DTC114EKA-T146 SMT3 L-F	1	
686		Q8	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
687	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
688		Q9	0420-1004-9611	MOSFET N-CH 2N7002 SMD (SOT-23) LF	1	
689	SS		0420-1004-9621	MOSFET N-CH 2N7002E-T1-E3 SMD (SOT-23) L-F		
690		RN1	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
691		RN11	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
692		RN12	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
693		RN13	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
694		RN3	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
695		RN4	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
696		RN7	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
697		RN9	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
698		RP1	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
699		RP2	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
700		RP3	0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
701	RP4		0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
702	RP5		0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
703	RP6		0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
704	RP7		0141-3309-3853	ARRAY RES. A(X) 33ohm 4R J 8P 0402	1	
705	RV1		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
706	RV11		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
707	RV12		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
708	RV13		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
709	RV14		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
710	RV2		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
711	RV23		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
712	RV24		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
713	RV25		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
714	RV26		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
715	RV35		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
716	RV36		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
717	RV37		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
718	RV38		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
719	RV47		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
720	RV48		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
721	RV50		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
722	RV52		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
723	RV54		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
724	RV56		0272-0025-0962	ESD PROTECTOR 5V SMD (EGA10402V05AH)	1	
725	R1		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
726	R105		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
727	R109		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
728	R110		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
729	R111		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
730	R114		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
731	R115		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
732	R116		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
733	R117		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
734	R118		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
735	R119		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
736	R12		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
737	R120		0131-8669-1614	RES. MF 86.6ohm 1/16W F 0402	1	
738	R125		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
739	R130		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
740	R149		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
741	R150		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
742	R152		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
743	R155		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
744	R160		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
745	R163		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
746	R164		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
747	R167		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
748	R17		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
749	R170		0130-4700-1654	RES. CF 470ohm 1/16W J 0402	1	
750	R171		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
751	R172		0130-4700-1654	RES. CF 470ohm 1/16W J 0402	1	
752	R173		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
753	R174		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
754	R177		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
755	R179		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
756	R180		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
757	R182		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
758	R183		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
759	R184		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
760	R185		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
761	R186		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
762	R187		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
763	R188		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
764	R189		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
765	R19		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
766	R190		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
767	R191		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
768	R192		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
769	R193		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
770	R195		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
771	R196		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
772	R197		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
773	R198		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
774	R199		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
775	R2		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
776	R202		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
777	R203		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
778	R204		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
779	R208		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
780	R210		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
781	R211		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
782	R213		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
783	R217		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
784	R218		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
785	R221		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
786	R226		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
787	R227		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
788	R230		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
789	R231		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
790	R232		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
791	R234		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
792	R235		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
793	R237		0131-4999-1614	RES. MF 49.9ohm 1/16W F 0402	1	
794	R238		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	



ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
795	R239		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
796	R240		0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
797	R241		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
798	R242		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
799	R243		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
800	R244		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
801	R245		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
802	R246		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
803	R247		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
804	R248		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
805	R249		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
806	R25		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
807	R250		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
808	R251		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
809	R252		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
810	R253		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
811	R254		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
812	R255		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
813	R256		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
814	R260		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
815	R261		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
816	R262		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
817	R263		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
818	R264		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
819	R265		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
820	R266		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
821	R267		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
822	R268		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
823	R269		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
824	R27		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
825	R270		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
826	R271		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
827	R272		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
828	R273		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
829	R274		0131-3323-1614	RES. MF 332Kohm 1/16W F 0402	1	
830	R275		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
831	R276		0130-1501-1654	RES. CF 1.5Kohm 1/16W J 0402	1	
832	R277		0131-1213-1614	RES. MF 121Kohm 1/16W F 0402	1	
833	R278		0130-1504-1654	RES. CF 1.5 Mohm 1/16W J 0402	1	
834	R279		0130-1200-1654	RES. CF 120ohm 1/16W J 0402	1	
835	R280		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
836	R281		0131-4323-1614	RES. MF 432Kohm 1/6W F 0402	1	
837	R282		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
838	R283		0130-1501-1654	RES. CF 1.5Kohm 1/16W J 0402	1	
839	R284		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
840	R285		0131-1213-1614	RES. MF 121Kohm 1/16W F 0402	1	
841	R286		0130-1004-1654	RES. CF 1Mohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
842	R290		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
843	R291		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
844	R292		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
845	R293		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
846	R294		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
847	R295		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
848	R296		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
849	R297		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
850	R303		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
851	R304		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
852	R305		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
853	R306		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
854	R307		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
855	R308		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
856	R309		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
857	R310		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
858	R311		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
859	R312		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
860	R313		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
861	R314		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
862	R315		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
863	R319		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
864	R32		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
865	R320		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
866	R323		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
867	R324		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
868	R326		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
869	R327		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
870	R328		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
871	R329		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
872	R330		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
873	R331		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
874	R332		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
875	R34		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
876	R343		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
877	R36		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
878	R364		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
879	R365		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
880	R366		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
881	R367		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
882	R368		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
883	R369		0130-6800-1654	RES. CF 680 ohm 1/16W J 0402	1	
884	R37		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
885	R371		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
886	R372		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
887	R373		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
888	R374		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
889	R375		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
890	R376		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
891	R377		0130-1004-1654	RES. CF 1Mohm 1/16W J 0402	1	
892	R378		0130-1100-1654	RES. CF 110ohm 1/16W J 0402	1	
893	R379		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
894	R38		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
895	R380		0130-1801-1654	RES. CF 1.8Kohm 1/16W J 0402	1	
896	R381		0130-1501-1654	RES. CF 1.5Kohm 1/16W J 0402	1	
897	R382		0130-1801-1654	RES. CF 1.8Kohm 1/16W J 0402	1	
898	R383		0130-1501-1654	RES. CF 1.5Kohm 1/16W J 0402	1	
899	R384		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
900	R385		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
901	R386		0130-6800-1654	RES. CF 680 ohm 1/16W J 0402	1	
902	R387		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
903	R39		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
904	R390		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
905	R392		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
906	R393		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
907	R394		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
908	R397		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
909	R398		0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1	
910	R4		0130-1001-0055	RES. CF 1.0Kohm 1/10W J 0603	1	
911	R40		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
912	R401		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
913	R402		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
914	R403		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
915	R404		0130-6800-1654	RES. CF 680 ohm 1/16W J 0402	1	
916	R406		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
917	R407		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
918	R408		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
919	R41		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
920	R410		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
921	R416		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
922	R417		0130-6800-1654	RES. CF 680 ohm 1/16W J 0402	1	
923	R418		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
924	R42		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
925	R421		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
926	R422		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
927	R423		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	
928	R425		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
929	R428		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
930	R43		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
931	R431		0130-6800-1654	RES. CF 680 ohm 1/16W J 0402	1	
932	R432		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
933	R435		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
934	R436		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
935	R437		0130-0000-1858	RES. CF 0.0ohm 1/8W J 0805	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
936	R439		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
937	R44		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
938	R444		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
939	R446		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
940	R447		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
941	R448		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
942	R450		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
943	R451		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
944	R452		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
945	R456		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
946	R457		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
947	R458		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
948	R459		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
949	R46		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
950	R460		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
951	R461		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
952	R462		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
953	R463		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
954	R464		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
955	R465		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
956	R467		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
957	R468		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
958	R469		0130-2209-1654	RES. CF 22ohm 1/16W J 0402	1	
959	R47		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
960	R470		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
961	R471		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
962	R472		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
963	R473		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
964	R474		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
965	R476		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
966	R477		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
967	R478		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
968	R479		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
969	R48		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
970	R480		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
971	R481		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
972	R482		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
973	R483		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
974	R484		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
975	R485		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
976	R486		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
977	R487		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
978	R488		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
979	R489		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
980	R49		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
981	R490		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
982	R491		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
983	R492		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
984	R493		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
985	R494		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
986	R495		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
987	R496		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
988	R497		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
989	R498		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
990	R5		0130-4702-1654	RES. CF 47Kohm 1/16W J 0402	1	
991	R500		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
992	R501		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
993	R502		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
994	R503		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
995	R505		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
996	R506		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
997	R507		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
998	R508		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
999	R509		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1000	R510		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1001	R511		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1002	R512		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1003	R513		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1004	R514		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1005	R516		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1006	R517		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1007	R519		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1008	R520		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1009	R521		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1010	R522		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1011	R523		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1012	R524		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1013	R525		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1014	R526		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1015	R527		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1016	R57		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
1017	R571		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
1018	R572		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1019	R573		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1020	R574		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1021	R575		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1022	R576		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1023	R577		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1024	R578		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1025	R579		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1026	R58		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
1027	R580		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1028	R581		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1029	R582		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1030	R583		0130-1000-1654	RES. CF 100ohm 1/16W J 0402	1	
1031	R584		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1032	R585		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1033	R586		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1034	R587		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1035	R588		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1036	R589		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1037	R590		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1038	R591		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1039	R6		0130-1001-0055	RES. CF 1.0Kohm 1/10W J 0603	1	
1040	R603		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1041	R604		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1042	R609		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1043	R610		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1044	R611		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1045	R612		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1046	R62		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1047	R625		0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
1048	R627		0130-0000-1859	RES. CF 0.0ohm 1/8W J 1206	1	
1049	R628		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
1050	R629		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1051	R63		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1052	R632		0130-1001-1654	RES. CF 1Kohm 1/16W J 0402	1	
1053	R633		0130-4701-1654	RES. CF 4.7Kohm 1/16W J 0402	1	
1054	R645		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1055	R646		0130-1003-1654	RES. CF 100Kohm 1/16W J 0402	1	
1056	R649		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1057	R65		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1058	R650		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1059	R651		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1060	R652		0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
1061	R653		0130-1501-0055	RES. CF 1.5Kohm 1/10W J 0603	1	
1062	R654		0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
1063	R655		0130-1502-0055	RES. CF 15Kohm 1/10W J 0603	1	
1064	R656		0130-0000-0055	RES. CF 0.0ohm 1/10W J 0603	1	
1065	R657		0130-1001-1459	RES. CF 1.0Kohm 1/4W J 1206	1	
1066	R658		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1067	R659		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1068	R66		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1069	R67		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1070	R68		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1071	R69		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1072	R70		0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
1073	R71		0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1074	R72		0130-2701-1654	RES. CF 2.7Kohm 1/16W J 0402	1	
1075	R73		0130-2701-1654	RES. CF 2.7Kohm 1/16W J 0402	1	
1076	R74		0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1077		R75	0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1078		R76	0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1079		R77	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1080		R78	0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1081		R79	0130-1002-1654	RES. CF 10Kohm 1/16W J 0402	1	
1082		R81	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1083		R86	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1084		R87	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1085		R88	0130-7509-1654	RES. CF 75ohm 1/16W J 0402	1	
1086		R94	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1087		R95	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1088		R96	0130-0000-1654	RES. CF 0ohm 1/16W J 0402	1	
1089		R97	0130-3309-1654	RES. CF 33ohm 1/16W J 0402	1	
1090		U1	0420-2004-8622	MOSFET P-CH 7A 30V FDS4935 SO-8 8PIN L-F	1	
1091		U10	0430-1009-1009	IC 74HCT14D 14PIN SO14 LF	1	
1092		U11	0430-3006-4011	IC AT24C32AN-10SU-2.7 8PIN SO-8 LF	1	
1093		U12	0430-7044-5694	IC DDR 16Mx16 HY5DU561622ETP-4 TSOPII	1	
1094		U13	0430-7044-5694	IC DDR 16Mx16 HY5DU561622ETP-4 TSOPII	1	
1095		U15	0430-0002-6035	IC MM74HC4052MX SOIC 16PIN LF	1	
1096		U16	0430-3039-6011	IC AT24C02BN-10SU-1.8 8Pin SOIC L-F	1	
1097	SS		0430-3004-2017	IC 24LC02BT-I/SNG 8PIN SOIC LF		
1098		U17	0430-1004-4015	IC SN74LV14ADR SMD SO14 LF	1	
1099	SS		0430-1008-3035	IC 74LCX14 SOIC 14PIN L-F		
1100		U18	0430-7042-2065	IC QUICKSWITCH IDTQS3253QG QSOP 16PIN LF	1	
1101		U20	0430-7043-5092	IC SWITCH PI5C3257QE QSOP 16PIN LF	1	
1102	SS		0430-3039-9046	IC ADG3257BRQZ-REEL7 16PIN QSOP LF		
1103		U22	0430-7043-5092	IC SWITCH PI5C3257QE QSOP 16PIN LF	1	
1104	SS		0430-3039-9046	IC ADG3257BRQZ-REEL7 16PIN QSOP LF		
1105		U23	0430-7043-5092	IC SWITCH PI5C3257QE QSOP 16PIN LF	1	
1106	SS		0430-3039-9046	IC ADG3257BRQZ-REEL7 16PIN QSOP LF		
1107		U24	0430-4016-9007	IC LM358DT 8PIN SO-8 LF	1	
1108	SS		0430-4016-9004	IC LM358MX/NOPB 8PIN SOIC LF		
1109		U27	0430-9001-1980	IC MSP4440G-QI-C13-500 64PIN PMQFP LF	1	
1110	SS		0430-9000-8980	IC MSP4450G-QI-C13-500 PLQF64		
1111		U29	0430-7045-5738	IC HDMI RECEIVER SiI9025CTU TQFP 144PIN LF	1	
1112		U30	0430-6009-1051	IC AMC1117SKF-ADJ SMD 3PIN SOT-223 LF	1	
1113		U31	0430-7044-1092	IC SWITCH PI3HDMI412FTZHE TQFN 42PIN LF	1	
1114		U32	0430-7044-1092	IC SWITCH PI3HDMI412FTZHE TQFN 42PIN LF	1	
1115		U33	0430-7030-1601	IC CS4344-CZZ TSSOP-10 LF	1	
1116		U34	0430-3039-6011	IC AT24C02BN-10SU-1.8 8Pin SOIC L-F	1	
1117	SS		0430-3004-2017	IC 24LC02BT-I/SNG 8PIN SOIC LF		
1118		U35	0430-7043-5092	IC SWITCH PI5C3257QE QSOP 16PIN LF	1	
1119	SS		0430-3039-9046	IC ADG3257BRQZ-REEL7 16PIN QSOP LF		
1120		U36	0430-3039-6011	IC AT24C02BN-10SU-1.8 8Pin SOIC L-F	1	
1121	SS		0430-3004-2017	IC 24LC02BT-I/SNG 8PIN SOIC LF		
1122		U37	0430-3039-6011	IC AT24C02BN-10SU-1.8 8Pin SOIC L-F	1	
1123	SS		0430-3004-2017	IC 24LC02BT-I/SNG 8PIN SOIC LF		

ITEM	M/S	LOCATION	PART NO.	DESCRIPTION	QTY	REMARK
1124		U38	0430-7043-5092	IC SWITCH PI5C3257QE QSOP 16PIN LF	1	
1125	SS		0430-3039-9046	IC ADG3257BRQZ-REEL7 16PIN QSOP LF		
1126		U39	0430-3039-6011	IC AT24C02BN-10SU-1.8 8Pin SOIC L-F	1	
1127	SS		0430-3004-2017	IC 24LC02BT-I/SNG 8PIN SOIC LF		
1128		U4	0430-6003-0079	IC AP1084D33LA LF TO-252	1	
1129		U40	0430-7042-2065	IC QUICKSWITCH IDTQS3253QG QSOP 16PIN LF	1	
1130		U41	0430-7042-2065	IC QUICKSWITCH IDTQS3253QG QSOP 16PIN LF	1	
1131		U42	0430-5018-1578	IC MCU SM5964C40JP 44PIN PLCC LF	1	
1132		U42X	0990-7003-2300	SOFTWARE VM60P HDTV10A CPU:VM60P	1	
1133		U43	0430-6016-2099	IC RESET STL8110GCH438 4.38V SOT-23 3PIN	1	
1134		U44	0430-3007-1017	IC 24LC128-I/SNG 8PIN SOIC LF	1	
1135		U45	0430-3039-4645	IC MX29LV320CTTC-70G 48PIN TSOP LF	1	
1136		U45X	0990-7003-2100	SOFTWARE VM60P HDTV10A CPU:VM60P	1	
1137		U5	0430-6003-0079	IC AP1084D33LA LF TO-252	1	
1138		U6	0430-6005-5079	IC AP1117E18LA LF SOT-223	1	
1139	SS		0430-6009-7051	IC AMC1117-1.8SKFT SMD 3PIN (SOT-223)L-F		
1140	SS		0430-6009-7075	IC AME1117ECGTZ 1.8V 3PIN SOT-223 L-F		
1141		U7	0430-6008-0079	IC AP1084D18LA LF TO-252	1	
1142		U8	0430-6002-8079	IC AP1117E25LA SOT-223 L-F	1	
1143		U9	0430-7044-0962	IC CONTROLLER FLI8668-LF-BC PBGA 416PIN	1	
1144		VZ12	0162-0000-0080	VARISTOR 80V EZJZ1V800AA 0603 LF	1	
1145		VZ16	0162-0000-0080	VARISTOR 80V EZJZ1V800AA 0603 LF	1	
1146		VZ23	0162-0000-0080	VARISTOR 80V EZJZ1V800AA 0603 LF	1	
1147		W10	0304-1000-0130	CONN. HDMI 19P 90' SMD With Flange	1	
1148		W11	0304-1000-0130	CONN. HDMI 19P 90' SMD With Flange	1	
1149		W12	0304-1000-0130	CONN. HDMI 19P 90' SMD With Flange	1	
1150		W9	0304-1000-0130	CONN. HDMI 19P 90' SMD With Flange	1	