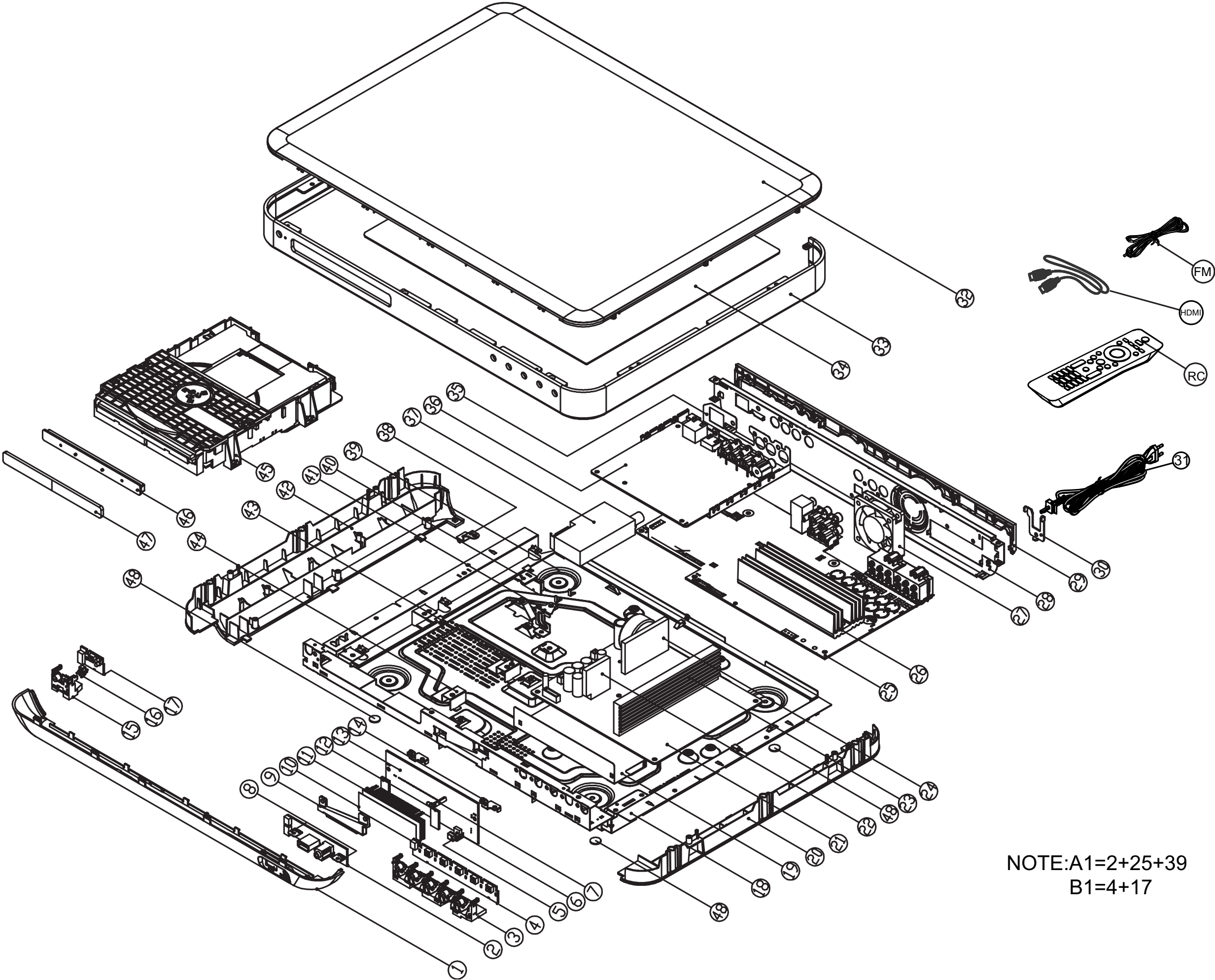




NOTE:A1=2+25+39
B1=4+17

PART LIST (red colour only for hts7520/12)

Loc.	Alt.	Part No.	Safety	Description
MAIN UNIT				
1		996510027418		DISPLAY LENS
3		996510027412		FUNCTION BTN ABS
9		996510027408		LIGHT GUIDE LENS SAN
13		996510027422		VFD PCB
15		996510027389		STANDBY KEY ABS
16		996510027405		STANDBY LENS SAN
18		996510027637		BTM PANEL SECC
20		996510027432		SIDE PANEL(R)
21		996510027373	⚠	POWER PCB
27		996510022074	⚠	FAN DC12V 0.7W
28		996510027416	⚠	REAR COVER
29		996510027635	⚠	BACK PANEL
31		996510001638	⚠	POWER CORD
32		996510027639		TOP PANEL
32		996510027638		TOP PANEL
33		996510029689		AL RING AL
36		996510030221		BD PCB
36		996510030222		BD PCB
37		996510018486		TUNER PACK
42		996510027636		SIDE PANEL(L)
45		996510027383	⚠	BLU-RAY DISC LOADER
47		996510029692		DVD DOOR AL
48		996510027366		RUBBER FOOT
A1		996510027393		MAIN+MP3/USB+MINI USB PCB
A1		996510030129		MAIN+MP3/USB+MINI USB PCB
B1		996510027396		KEY+STANDBY PCB .
FM		996510008251		FM ANT 1.5M
HDMI		996510020159		HDMI CABLE
RC		996510027403		REMOTE CONTROL
V1		996510010352		FFC CABLE 10P
V1		996510028529		FFC CABLE 10P
V2		996510027397		FFC CABLE 14P

SPEAKER BOX

SPKFL	996510027439	SPEAKER BOX F-L
SPKFL	996510027435	SPEAKER BOX F-L
SPKFR	996510027441	SPEAKER BOX F-R
SPKFR	996510027433	SPEAKER BOX F-R
SPKSL	996510027436	SPEAKER BOX S-L
SPKSL	996510027402	SPEAKER BOX S-L
SPKSR	996510027438	SPEAKER BOX S-R
SPKSR	996510027377	SPEAKER BOX S-R
SPKC	996510027437	SPEAKER BOX C
SPKC	996510027427	SPEAKER BOX C
SPKS	996510027442	SUBWOOFER
SPKS	996510027372	SUBWOOFER
RFF/R	996510027381	RUBBER FOOTΦ90xIΦ51X2.0T
RFF	996510027369	RUBBER FOOT 176.75LxT3.0
RFR	996510027381	RUBBER FOOT 90xI 51X2.0T
RFC	996510027413	RUBBER FOOT 40X7X2.5 EPDM
RFS	BRF500072-0001	RUBBER FOOT _SUBWOOFER
SWFL	996510027401	SPEAKDR WIRE F-L
SWFR	996510027399	SPEAKDR WIRE F-R
SWSL	996510027368	SPEAKDR WIRE S-L
SWSR	996510027428	SPEAKDR WIRE S-R
SWC	996510027382	SPEAKDR WIRE C
SWS	996510027417	SPEAKDR WIRE SUB

MAIN+MP3/USB+MINI PCB

CN1001	996510027386	CONNECT 2x7P
CN102	996510015643	CONNECTOR 11 PIN
CN103	996510012495	S CONN 4P
CN301	996510012497	FPC/FFC CONN. 10P
CN302	996500015900	CONNECTOR 3 PIN

Loc.	Alt.	Part No.	Safety	Description
MAIN+MP3/USB+MINI PCB				
IC101		996510027415		IC 100P STM32F103VBT6
IC102		996510021063		IC 16P SAA6581T
IC103 #		996510004289		IC 8P TU24C16CS2 SOIC
IC103 #		996510027409		IC 8P FM24C16B-SO-T SOP
IC201		996510027406		IC 128P CS495313-CVZ
IC204 #		996510016601		IC 54P HY57V641620F(L/S)TP-6 TSOP
IC204 #		996510009895		IC 54P A641604L-6T
IC2902		996500027090		IC 3 PIN AP1117E18LA
IC2903		996510017705		IC 3P UR6225L-33-AE3-3-R SOT
IC304		996510027434		IC 48P CS5346-CQZR
IC305		996510027429		IC 32P CS8422-CNZR
IC306 #		996510020341		IC 8P D4558 SOP
IC306 #		996500029611		IC 8P CO4558A SO8
IC5001		996510021229		IC 44P TAS5342ADDV
IC5003		996510021229		IC 44P TAS5342ADDV
IC5004		996510021229		IC 44P TAS5342ADDV
IC5006		996510021092		IC 64P TAS5508APAG
IC5007#		996510020341		IC 8P D4558 SOP
IC5007#		996500029611		IC 8P CO4558A SO8
IC5009		996510021229		IC 44P TAS5342ADDV
JK11		996510004129		KARAOKE JACK
JK301		996510004283		RCA JACK 4P
JK303		996510027425		RCA JACK + TOSL. JACK ASS'Y
JK303		996510027367		FIBER OPTICAL RECEIVER
JK303		996510021591		RCA JACK 1P
JK5001		996510013837		SPK JACK 12P
L1002		996510021604		AIR COIL 30NH
L1003		996510021604		AIR COIL 30NH
L1004		996510021604		AIR COIL 30NH
L1005		996510021604		AIR COIL 30NH
L5007		996510021061		INDUCTOR 10uH
L5008		996510021061		INDUCTOR 10uH
L5011		996510021061		INDUCTOR 10uH
L5011A		996510021061		INDUCTOR 10uH
L5012		996510021061		INDUCTOR 10uH
L5012A		996510021061		INDUCTOR 10uH
L5015		996510021061		INDUCTOR 10uH
L5016		996510021061		INDUCTOR 10uH
L5019		996510021061		INDUCTOR 10uH
L5019A		996510021061		INDUCTOR 10uH
L5020		996510021061		INDUCTOR 10uH
L5020A		996510021061		INDUCTOR 10uH
L5021		996510021604		AIR COIL 30NH
L5022		996510021604		AIR COIL 30NH
L5025		996510021604		AIR COIL 30NH
L5026		996510021604		AIR COIL 30NH
Q1007		996500028742		XISTR NPN
Q903		996500026946		XISTR PNP
USB11		996510013742		USB JACK 4P
XL5001		996510021233		CRYST 13.5MHz

POWER PCB

BD901 #	996500041973	⚠	S BRIDGE KBU808 8A 800V
BD901 #	996510011372	⚠	S BRIDGE KBU808 8A 800V
C901	994000005344	⚠	S CAP.SAFETY Y1 560pF 400V
C902	996500018042		COND DISC 0.01uF1KV
C903	996500018042		COND DISC 0.01uF1KV
C904	996500018042		COND DISC 0.01uF1KV
C905	996500018042		COND DISC 0.01uF1KV
C906	996500027115	⚠	S CAP.SAFETY Y1 102PF 250V
C915	996510012548	⚠	S GOND SAFETY 0.47uF 275V
C917	994000005343	⚠	S COND SAFETY 0.22uF 275V
C918	996500027115	⚠	S CAP.SAFETY Y1 102PF 250V
C919	996500027115	⚠	S CAP.SAFETY Y1 102PF 250V
C920	996510027423	⚠	COND ELE 330uF 200V
C921	996510027423	⚠	COND ELE 330uF 200V
C922	996510004633		COND MYLAR 0.1 uF 100V
C923	996510004633		COND MYLAR 0.1 uF 100V
C941	996500027125		COND DISC 0.0022uF 1KV
C952 #	996500027124		COND METAL 1.5uF 250V

Loc.	Alt.	Part No.	Safety	Description
POWER PCB				
C952	#	996510018266		COND METAL 1.5uF 250V
CN901		996500015936	⚠	CONNECTOR 4 PIN m
CN903		996500023658		CONNECTOR B9B-XH-A 9 PIN
CN904		996500015901		S CONNECTOR 6 PIN
CN905#		996500017360		S CONNECTOR 4 PIN
CN905#		996510016729		S CONNECTOR 4P
CN906		996500015861		CONNECTOR B4B-XH-A 4 PIN
CN907		996500015898		S CONNECTOR 2 PIN
D922		994000005252		DIODE RECTIFIER
D923		994000005252		DIODE RECTIFIER
D924		994000005346		DIODE STPRA1620CT TO-220AB
F901		994000001053	⚠	FUSE 6.3A 250V SLOW
IC901		996510022012		IC 8P AP3101MTR-E1
IC904 #		994000001572		IC 3 PIN TL431 TO-92
IC904 #		994000000952		IC 3PIN AZ431AZ-A
IC905		996510008293		IC 16P AZ7500BP-E1
L901 #		996510021225	⚠	LINE FILTER ET-24 7mH
L901 #		996510013776	⚠	LINE FILTER ET-24 7mH
L902		996510027395	⚠	LINE FILTER ET-28 15mH
L902		996510013747	⚠	LINE FILTER ET-28 15mH
L904		996500027104		INDUCTOR 6uH
L905		996500027104		INDUCTOR 6uH
L907		996500027102		TOROID COIL
L908		994000005341		COMMON COIL 65UH
NTC901		996510008294	⚠	NTC THERMISTOR 5 OHM 6A
Q909		996510027384		MOSFET SMK0460F
Q910		996500026946		XISTR PNP
Q911		996500026946		XISTR PNP
Q912		996510027379		MOSFET SMK1350F
Q913		996510027379		MOSFET SMK1350F
T901		996510027411	⚠	SW TRANS EEL25 40W
T901		996510027414	⚠	SW TRAMS EE25 40W
T902		996510021088	⚠	S SW TRANSFORMER
T902		994000001057	⚠	S SW. MODEL TRANSFORMER
T903 #		996510021575	⚠	SW TRANSFORMER FERRITE CORE
T903 #		996510027392	⚠	SW TRANS EC-39 8+8P 300W
TVR901		996510011373	⚠	S VARISTOR 50A560V
TVR902		996510021072		S SURGE ABSORBER
TVR903		996510021072		S SURGE ABSORBER

KEY+STANDBY PCB

LD101	996510020167	LED 3 DIA ULTRA RED
LD102	996510025456	LED 3D 2P

VFD PCB

IC100 #	994000001564	IC 52P PT6311
IC100 #	996500041280	IC 52P A16311
CN100	996500018029	CONNECTOR 3 PIN
CN101	996500018028	CONNECTOR 5 PIN
LD100	996510000595	LED 3DIA HIGH BRIGHTNESS
DP100	996510027421	VFD 32P AOTOM
SN100	994000005472	IRT RECEIVER

SCREW

S1	--	SCREW T3.0x1.06PxL8mm
S2	--	SCREW M3xP0.5xL6mm
S3	--	SCREW T3xP1.06xL28mm
S4	--	SCREW M2.0x0.4PxL3.0mm
S5	--	SCREW T3.0x1.06PxL8mm
S6	--	SCREW T3.0x1.06PxL8mm
S7	--	SCREW T2.5XP0.91XL4
S8	--	SCREW T2.5x0.91PxL6mm
S9	--	SCREW M3xP0.5xL6mm
S10	--	SCREW L10xP2.12xT5.0mm

REVISION LIST

Version 1.0

*Initial release

#=Alternative Codes

=Safety Symbol

Version 1.1

* Chapter 1: "SERVICE SCENARIO MATRIX" has changed

* Chapter 2: "Upgrading new software" and "Repair Instructions (One)" has changed

* Chapter10: Part list has changed

#=Alternative Codes

=Safety Symbol

Version 1.2

* Add Loader driver software upgraded procedure into chapter 2.

#=Alternative Codes

=Safety Symbol