

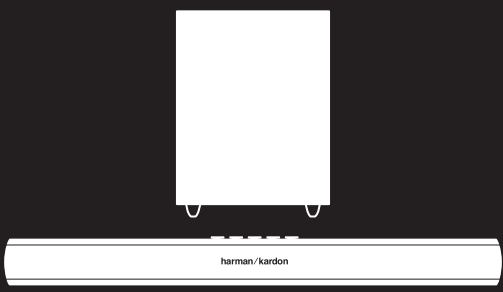
SB 26/230

Advanced Soundbar with Bluetooth and powered wireless subwoofer



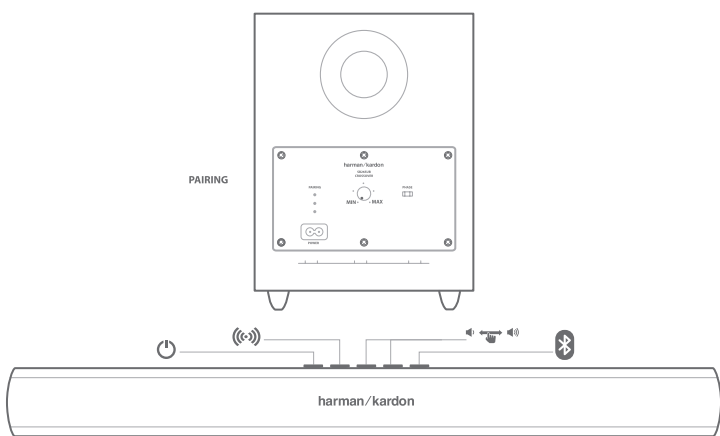
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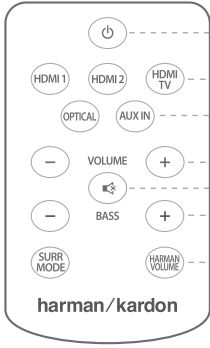
SB26 SOUNDBAR

Quickstart guide
Guide de démarrage rapide

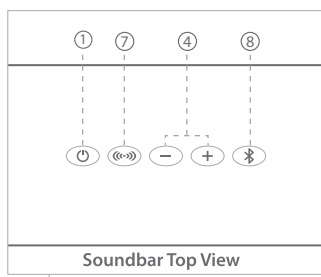


1

Quickstart guide
Guide de démarrage rapide

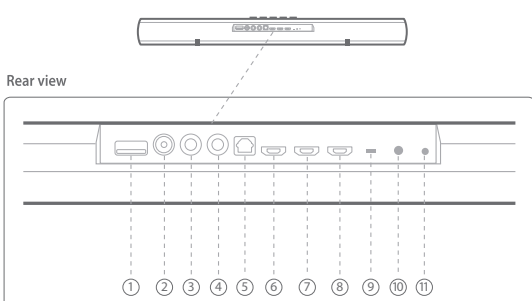


- 1). Power
- 2). HDMI inputs 1, 2 and TV
- 3). Optical, Aux in
- 4). Volume +/-
- 5). Mute
- 6). Subwoofer Volume Control +/-
- 7). Surround Mode, Harman Volume
- 8). Bluetooth

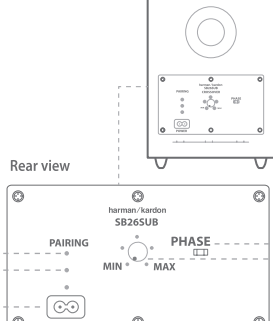


2

Quickstart guide
Guide de démarrage rapide



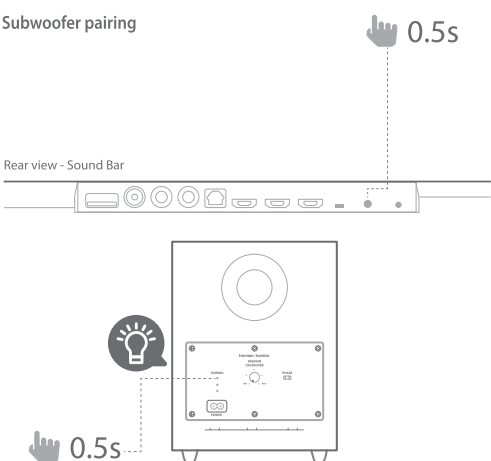
- 1). USB Port (software update only)
- 2). Power Input DC
- 3). IR Transmitter (optional)
- 4). Aux input (Analog Audio in)
- 5). Optical (Digital Optical Audio In)
- 6). HDMI TV (To television with ARC support)
- 7). HDMI 1 (HDMI input)
- 8). HDMI 2 (HDMI input)
- 9). Table wall equalization (based on your installation)
- 10). Wireless Subwoofer pairing button
- 11). Wireless Subwoofer pairing indicator



- 1). Wireless pairing button
- 2). Wireless pairing indicator
- 3). Power input AC
- 4). Phase adjustment (0 - 180°)
- 5). Crossover adjustment

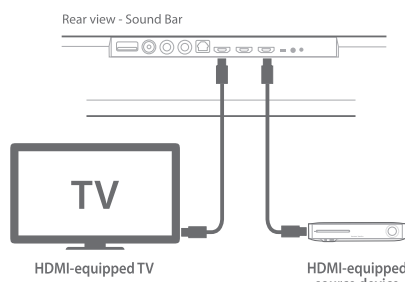
3

Subwoofer pairing



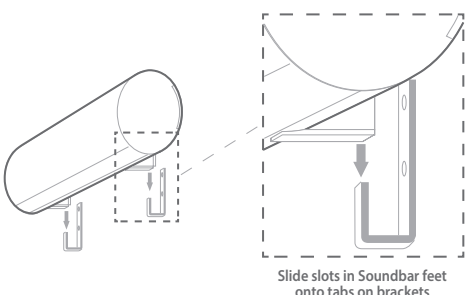
4

Quickstart guide
Guide de démarrage rapide



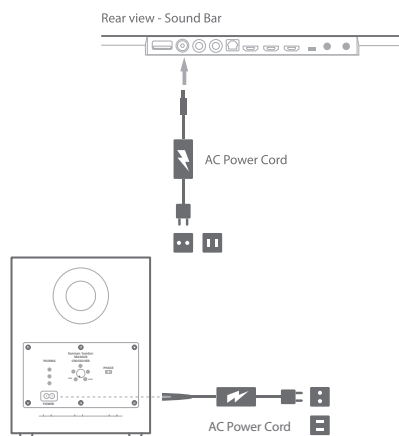
5

Wall mount operation
if applicable



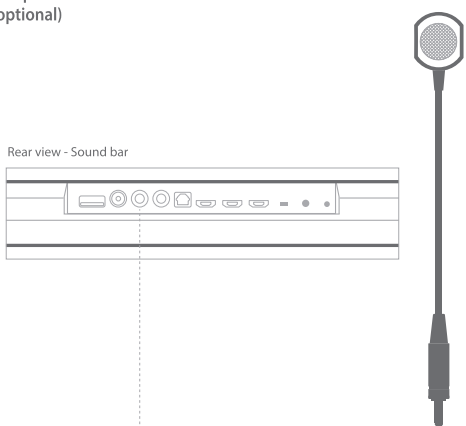
6

Quickstart guide
Guide de démarrage rapide



7

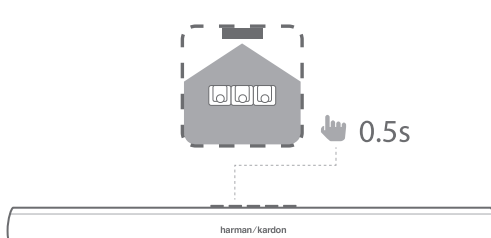
IR repeater installation
(optional)



8

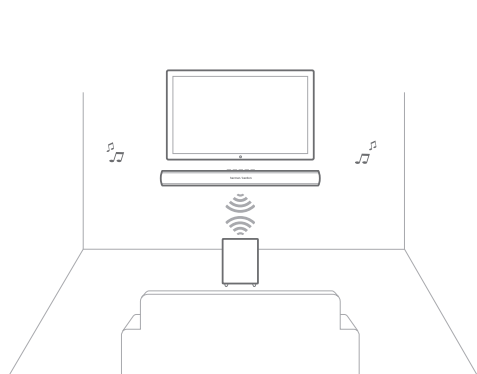
Quickstart guide
Guide de démarrage rapide

Surround Sound

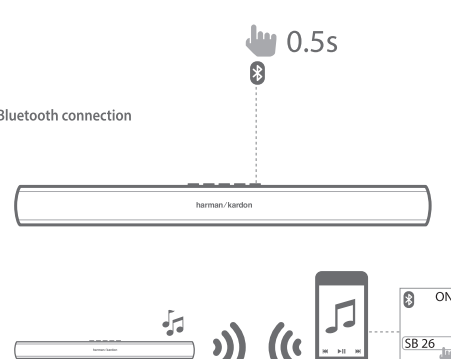


7

Quickstart guide
Guide de démarrage rapide



Bluetooth connection



EN

SB26

Frequency response: 38Hz - 22kHz (-6dB)

SB26 CTR Soundbar

Midrange transducers: Two x 3" (75 mm) cones per channel

High-frequency transducer: One x 1" (25 mm) dome per channel

Amplifier power: 30Watts x 2

Power requirement: 24V DC, 2.7A

Dimension: 110 mm x 920 mm x 89 mm

Weight: 3.5kg

SB26 Subwoofer

Transducer: 10" (250mm) cone

Enclosure type: Ported

Power requirement: 100-240V AC, 50Hz/60Hz, 100W

Dimension: 365mm x 320mm x 320mm

Weight: 9.4 kg

FR

SB26

Plage de fréquences: 38Hz - 22kHz (-6dB)

Barre de son SB26 CNTR

Transducteur médiums: Deux cônes x 75 mm (3") par canal

Transducteur haute fréquence:

Un cône x 25 mm (1") par canal

Puissance de l'amplificateur: 30 watts x 2

Alimentation électrique requise: 24 V CC, 2.7 A

Dimensions: 110 mm x 920 mm x 89 mm

Poids: 3.5 kg

Caisson de graves SB26

Transducteur: cône 250 mm (10")

Type d'enceinte: Bass Reflex

Alimentation électrique requise:

100-240 V CA, 50 Hz / 60 Hz, 100 W

Dimensions: 365 mm x 320 mm x 320 mm

Poids: 9.4 kg

ES

SB26

Intervalo de frecuencias: 38Hz - 22kHz (-6dB)

Barra de sonido SB26 CNTR

Transductor de rango medio: Dos x 3" (75 mm) conos por canal

Transductor de alta frecuencia:

Uno x 1" (25 mm) cúpula por canal

Potencia de amplificación: 30 Watt x 2

Requisitos de alimentación: 24 V CC, 2.7 A

Dimensiones: 110 mm x 920 mm x 89 mm

Peso: 3.5 kg

Subwoofer SB26

Transductor: cono de 10" (250mm)

Tipo de carcasa: Bass Reflex

Requisitos de alimentación: 100 – 240 V CA, 50 Hz/60 Hz, 100 W

Dimensiones: 365mm x 320mm x 320mm

Peso: 9.4 kg

PT

SB26

Resposta em frequência: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar

Transdutor de sons médios:

Dois x cones de 3" (75 mm) por canal

Transdutor de alta frequência:

Um x cúpula de 1" (25 mm) por canal

Potência do amplificador: 30 Watts x 2

Requisito de alimentação: 24 V CC, 2.7 A

Dimensão: 110 mm x 920 mm x 89 mm

Peso: 3.5 kg

SB26 Subwoofer

Transdutor: cone de 10" (250 mm)

Tipo de caixa: Reflexo de graves

Requisito de alimentação: 100 – 240 V CA, 50 Hz/60 Hz, 100 W

Dimensão: 365 mm x 320 mm x 320 mm

Peso: 9.4 kg

DE

SB26

Frequenzbereich: 38Hz - 22kHz (-6dB)

SB26 CNTR-Soundbar

Mitteltöner: Zwei (jeweils 3" (75 mm) Konus pro Kanal)

Hochtöner: Einer (1" (25 mm) Konus pro Kanal)

Verstärkerleistung: 30 Watt x 2

Betriebsspannung: 24 V DC, 2.7A

Dimensionen: 110 mm x 920 mm x 89 mm

Gewicht: 3.5kg

SB26-Subwoofer

Signalumwandler: 10" (250mm) Konus

Gehäusetyp: Bassreflex

Betriebsspannung: 100 – 240 V AC, 50 Hz/60 Hz, 100 W

Dimensionen: 365mm x 320mm x 320mm

Gewicht: 9.4 kg

IT

SB26

Risposta di frequenza: 38Hz - 22kHz (-6dB)

Soundbar SB26 CNTR

Trasduttori midrange: Due coni da 3" (75 mm) per canale

Trasduttore ad alta frequenza:

Una cupola da 1" (25 mm) per canale

Potenza dell'amplificatore: 30 Watt x 2

Requisito di corrente: 24 V CC, 2.7 A

Dimensioni: 110 mm x 920 mm x 89 mm

Peso: 3.5 kg

Subwoofer SB26

Trasduttore: Cono da 10" (250 mm)

Tipo di custodia: Bass Reflex

Requisito di corrente: 100 – 240 V CC, 50 Hz/60 Hz, 100 W

Dimensioni: 365 mm x 320 mm x 320 mm

Peso: 9.4 kg

NL

SB26

Frequentiebereik: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar:

Midrange transducer: Twee x 3" (75 mm) conus per kanaal

Hoge frequentie-transducer:

Een x 1" (25 mm) dome per kanaal

Versterkervermogen: 30 watt x 2

Stroomvereisten: 24 V DC, 2.7 A

Afmetingen: 110 mm x 920 mm x 89 mm

Gewicht: 3.5kg

SB26 Subwoofer

Transducer: 10" (250mm) conus

Type behuizing: Bass-reflex

Stroomvereisten: 100 – 240 V AC, 50 Hz/60 Hz, 100 W

Afmetingen: 365 mm x 320 mm x 320 mm

Gewicht: 9.4 kg

NO

SB26

Frekvensrespons: 38Hz - 22kHz (-6dB)

SB26 CNTR lydplanke

Transdusere i mellomområdet:

To x 3" (75 mm) membran per kanal

Høyfrekvenstransduser: Én x 1" (25 mm) membran per kanal

Forsterkereffekt: 30 watt x 2

Strømkrav: 24 V DC, 2.7 A

Mål: 110 mm x 920 mm x 89 mm

Vekt: 3.5 kg

SB26 Subwoofer

Transduser: 10" (250 mm) membran

Kabinett-type: Bassrefleks

Strømkrav: 100 - 240 V AC, 50 Hz / 60 Hz, 100 W

Mål: 365 mm x 320 mm x 320 mm

Vekt: 9.4 kg

FI

SB26

Taajuusvaste: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar

Keskikipitkän välimatkan anturit:

Kaksi x 3" (75 mm) kartiota kanavaa kohti

Suurtaajuusmuunnin: Yksi x 1" (25 mm) kupu kanavaa kohti

Vahvistimen teho: 30 W x 2

Tehovaatimus: 24 V DC, 2.7 A

Mitat: 110 mm x 920 mm x 89 mm

Paino: 3.5 kg

SB26 Alibassokaiutin

Anturi: 10" (250 mm) kartio

Kotelotyyppi: Bass Reflex

Tehovaatimus: 100-240 V AC, 50 Hz/60 Hz, 100 W

Mitat: 365 mm x 320 mm x 320 mm

Paino: 9.4 kg

RU

SB26

Частотная характеристика: 38 Гц-22 кГц (-6 дБ)

Звуковая панель SB26 CNTR

Среднечастотные преобразователи:

2 x 3-дюймовых (75 мм) конуса на канал

Высокочастотный преобразователь:

1 x 1-дюймовый (25 мм) купол на канал

Мощность усилителя: 30 Ватт x 2

Требования по электропитанию: 24 В пост. тока, 2.7 А

Габариты: 110 мм x 920 мм x 89 мм

Вес: 3.5 кг

Сабвуфер SB26

Преобразователь: 10-дюймовый (250 мм) конус

Тип акустического оформления: фазоинвертор

Требования по электропитанию: 100-240 В пер. тока, 50 Гц/60 Гц, 100 Вт

Габариты: 365 мм x 320 мм x 320 мм

Вес: 9.4 кг

SV

SB26

Frekvensomfång: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar

Omvandlare för mellanfrekvenser:

Två x 75 mm (3 tum) koner per kanal

Omvandlare för höga frekvenser:

En x 25 mm (1 rum) dome per kanal

Förstärkareffekt: 30 Watt x 2

Strömförsörjning: 24 V likström, 2.7 A

Mått: 110 mm x 920 mm x 89 mm

Vikt: 3.5 kg

SB26 Subwoofer

Omvandlare: 250 mm (10 tum) kon

Högtalartyp: Basreflex

Strömförsörjning: 100 - 240 V likström, 50 Hz/60 Hz, 100 W

Mått: 365 mm x 320 mm x 320 mm

Vikt: 9.4 k

DA

SB26

Frekvensområde: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar

Mellemtonetransducere: 2 x 3" (75 mm) kegler pr. kanal

Højfrekvent transducer: 1 x 1" (25 mm) kegle pr. kanal

Forstærkereffekt: 30 watt x 2

Strømkrav: 24 V DC, 2.7 A

Mål: 110 mm x 920 mm x 89 mm

Vægt: 3.5kg

SB26 subwoofer

Transducer: 10" (250 mm) kegle

Kabinetttype: Basrefleks

Strømkrav: 100-240 V AC, 50 Hz/60 Hz, 100 W

Mål: 365 mm x 320 mm x 320 mm

Vægt: 9.4 kg

JP

SB26

再生周波数帯域: 38Hz - 22kHz (-6dB)

SB26 CNTR Soundbar

中音域トランスデューサ チャンネル毎に3インチ (75 mm) コーン形 x 2

高音域トランスデューサ チャンネル毎に1インチ (25 mm) ドーム形 x 1

アンプの出力: 30 W x 2

所要電力: 直流24 V、2.7 A

寸法: 110 mm x 920 mm x 89 mm

重量: 3.5 kg

SB26 サブウーファー

トランスデューサ 10インチ (250 mm) コーン形 エンクロージャーの型 バスレフ式

所要電力: 交流 100～240 V 50 Hz/60 Hz, 100 W

寸法: 365 mm x 320 mm x 320 mm

重量: 9.4 kg

KO

SB26

주파수 응답: 38Hz - 22kHz (-6dB)

SB26 CNTR 사운드바

중간 범위 변환기: 2 x 3" (75 mm) 원뿔형(채널당)

고주파 변환기: 1 x 1" (25 mm) 돔형(채널당)

앰프 전력: 30 W x 2

출력 조건: 24 V DC, 2.7 A

치수: 110 mm x 920 mm x 89 mm

중량: 3.5kg

SB26 서브우퍼

변환기: 10" (250 mm) 원뿔형

함 유형: 베이스 리플렉스

출력 조건: 100 – 240 V AC, 50 Hz/60 Hz, 100 W

치수: 365 mm x 320 mm x 320 mm

중량: 9.4 kg

CHS

SB26

频率响应: 38Hz – 22kHz(-6dB)

SB26 CNTR Soundbar 音箱

中音单元: 3"(75 mm) x 2 每声道, 锥盆

高音单元: 1"(25 mm) x 1 每声道, 球顶

额定功率: 30W x 2

电源要求: 24V DC, 2.7A

尺寸: 110mm x 920mm x 89mm

重量: 3.5kg

SB26 重低音箱

驱动单元: 10"(250mm),锥盆

音箱类型: 低音反射式

电源要求: 100 – 240V AC, 50Hz/60Hz, 100W

尺寸: 365mm x 320mm x 320mm

重量: 9.4kg

CHT

SB26

頻率響應: 38Hz - 22kHz (-6dB)

SB26 CNTR 條型音箱

中音換能器: 2 x 3" (75 mm) 每聲道振膜數

高頻換能器: 1 x 1" (25 mm) 每聲道圓頂

放大器功率: 30 W x 2

電源要求: 24V DC, 2.7A

外觀尺寸: 110 mm x 920 mm x 89 mm

重量: 3.5 kg

SB26 重低音喇叭

換能器: 10" (250 mm) 振膜

音箱類型: 低音反射

電源要求: 100-240 V AC, 50 Hz/60 Hz, 100 W

外觀尺寸: 365 mm x 320 mm x 320 mm

重量: 9.4 kg

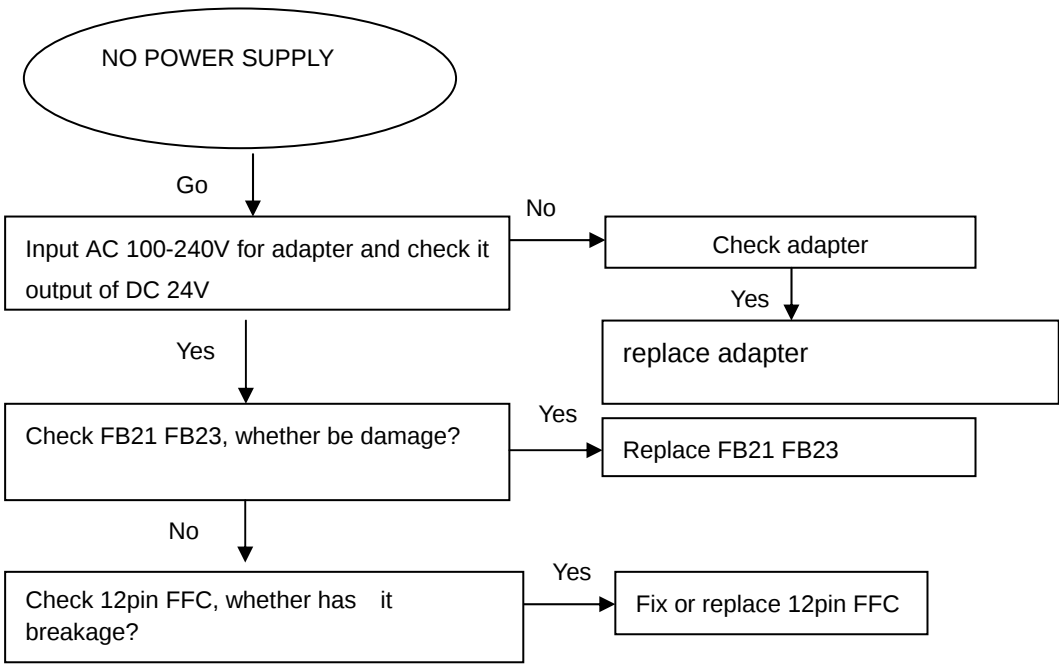
Software Upgrade

- 1、 Put HK_SB26.HUI to root directory at USB stick
- 2、 Power on SB26 and then insert USB
- 3、 If device detect upgrade file, the amber light will blink of power with 50% duty cycle. Otherwise, it will blink white and amber alternately with 50% duty for 6s.
- 4、 Press RC_SURROUND, the light of power will become white, and the white light of surround and the Bluetooth will blink with 50% duty.
- 5、 After upgrade successfully, the DUT will reboot automatically.

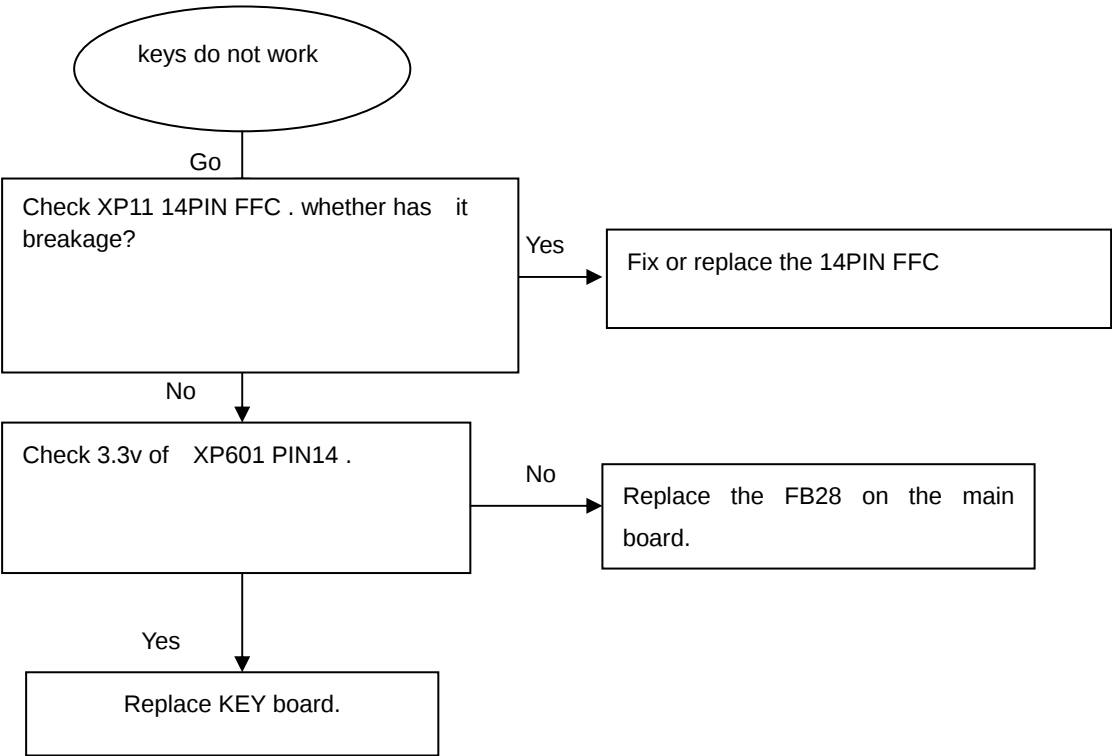
Please notice:

- 1、 The DUT only support FAT/FAT32 format file system
- 2、 If the DUT can't detect upgrade file, please check the file and re-insert several times.
- 3、 All of error while upgrading, the DUT will blink white and amber light of power with 50% duty for 6 second.

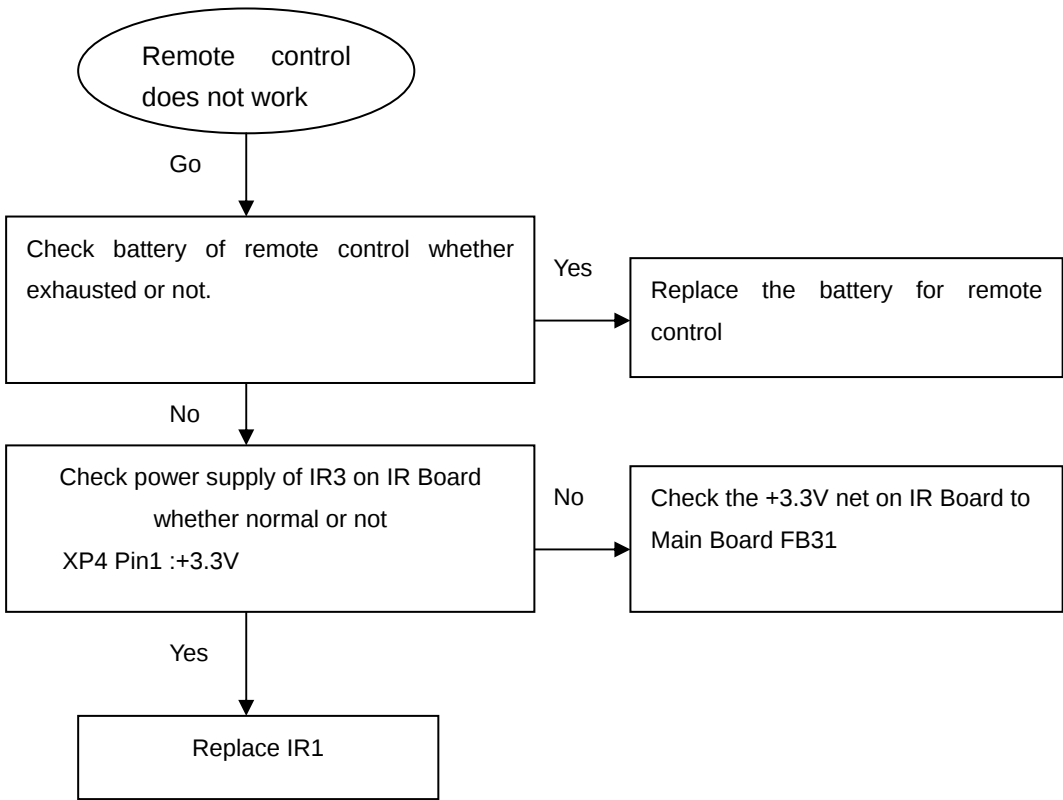
NO POWER SUPPLY ON THE INPUT BOARD



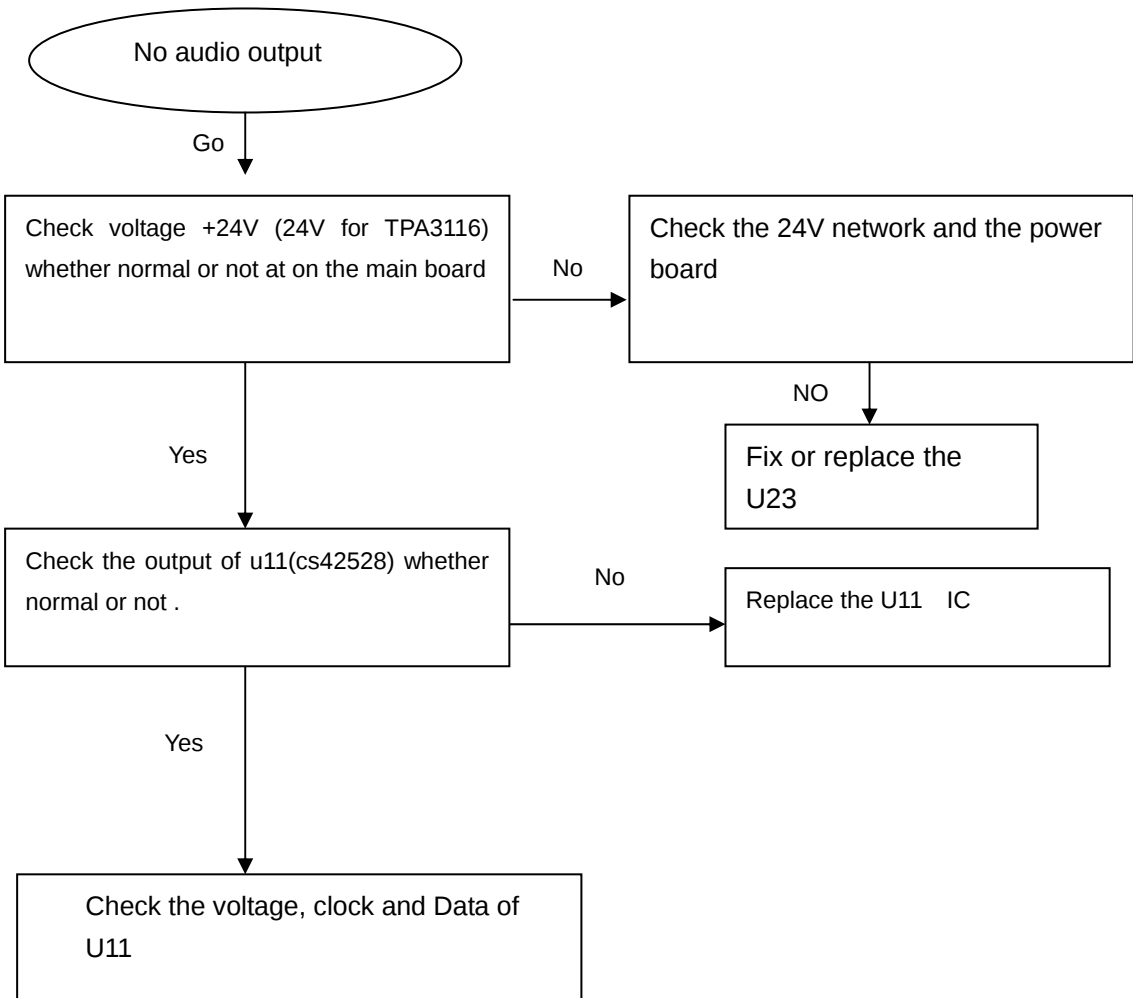
keys do not work



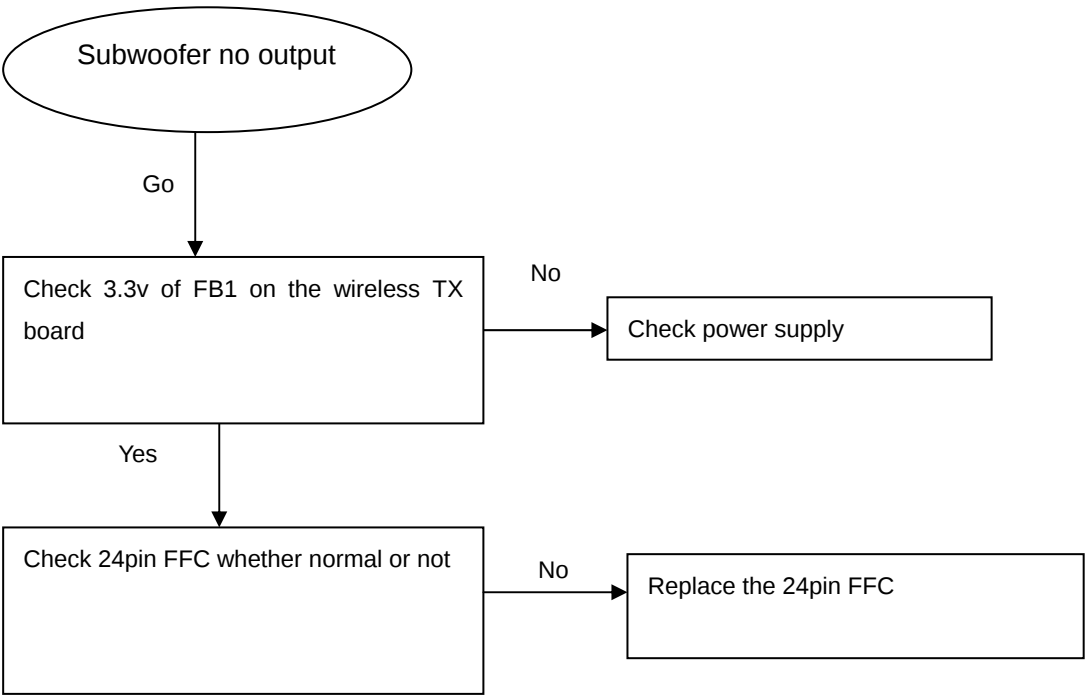
Remote control does not work



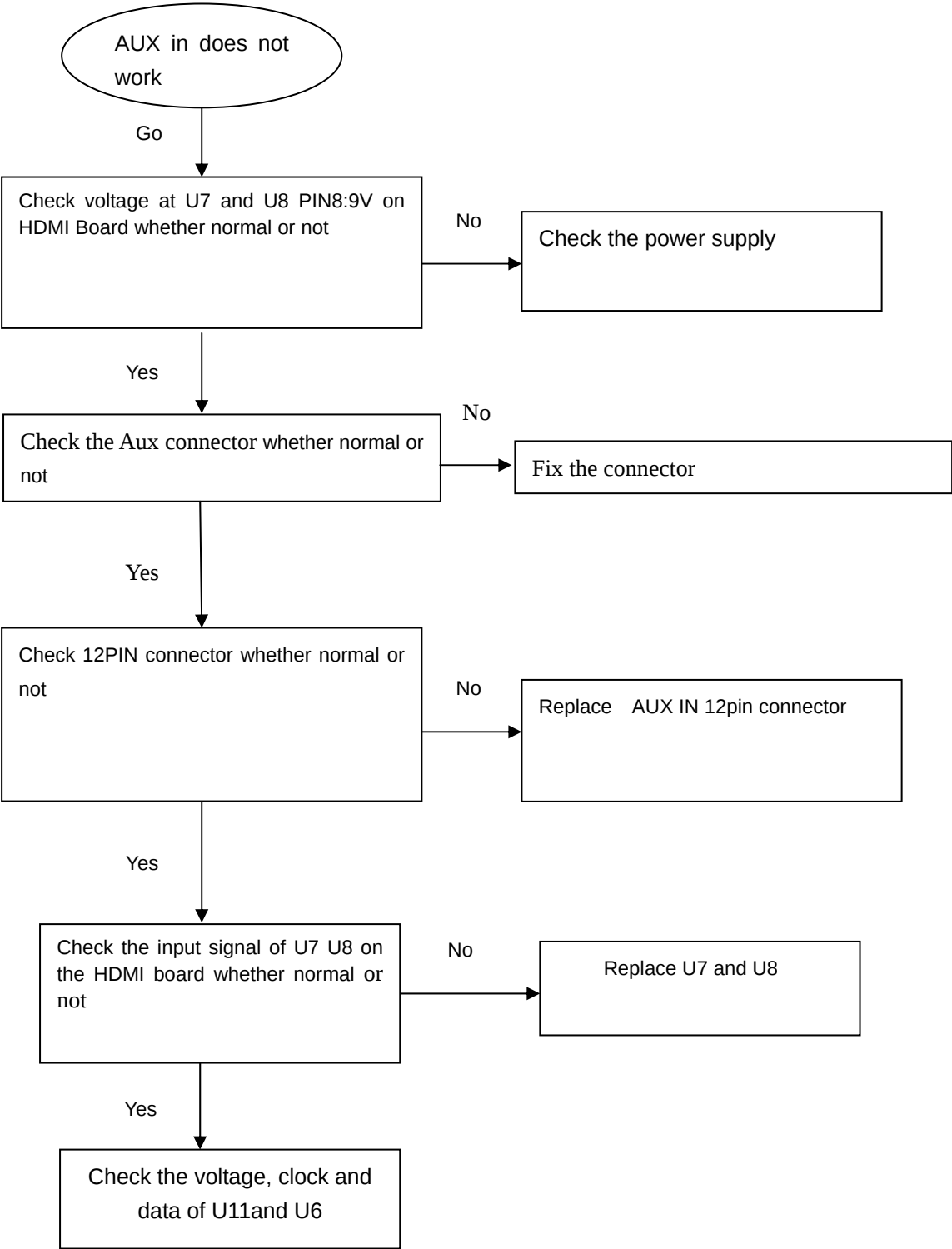
No audio output



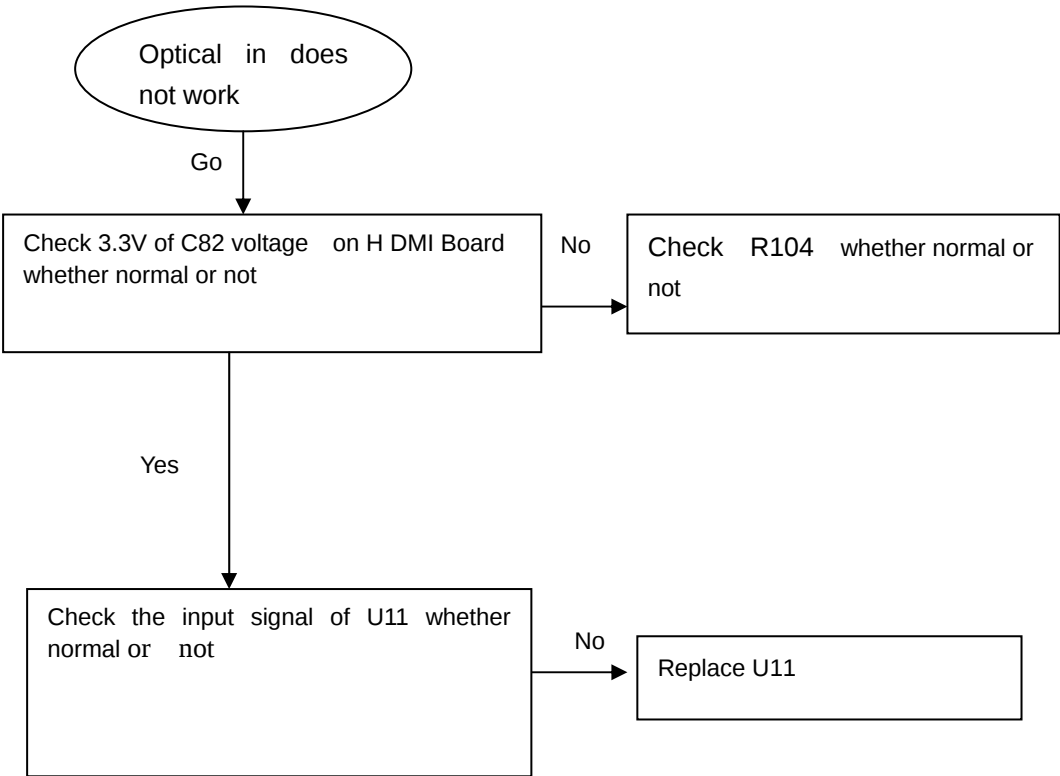
Subwoofer no output



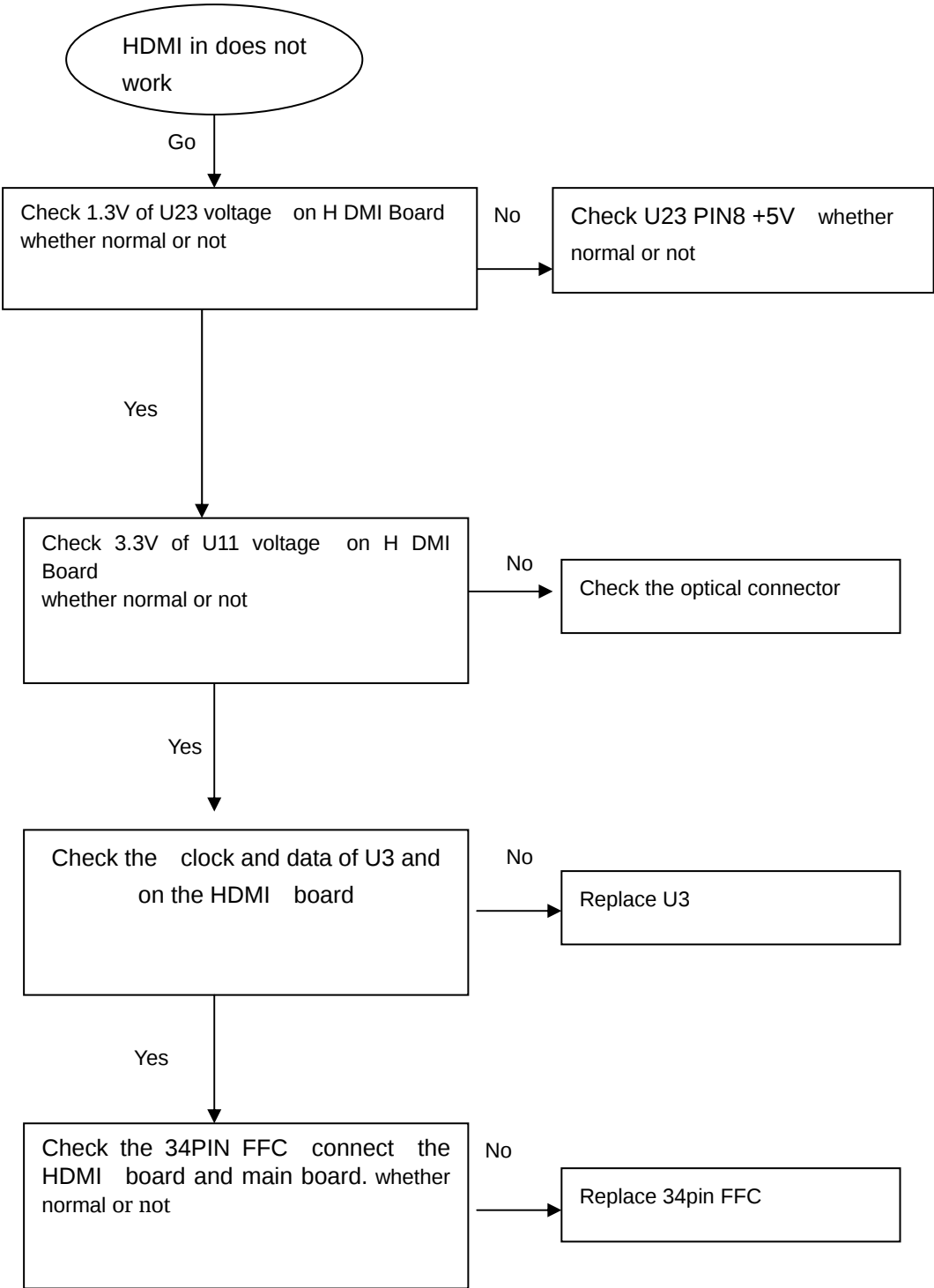
AUX in does not work



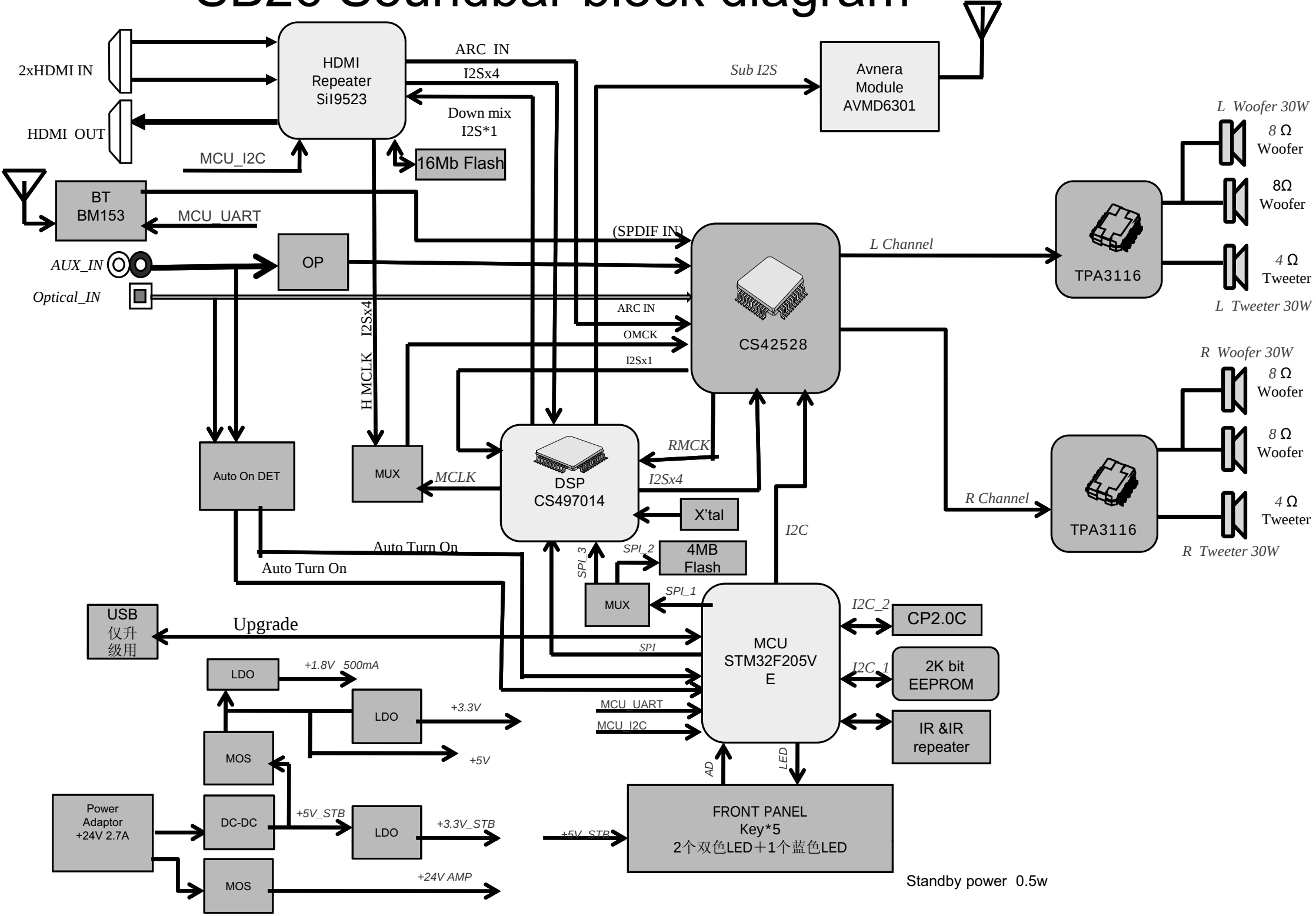
Optical in does not work



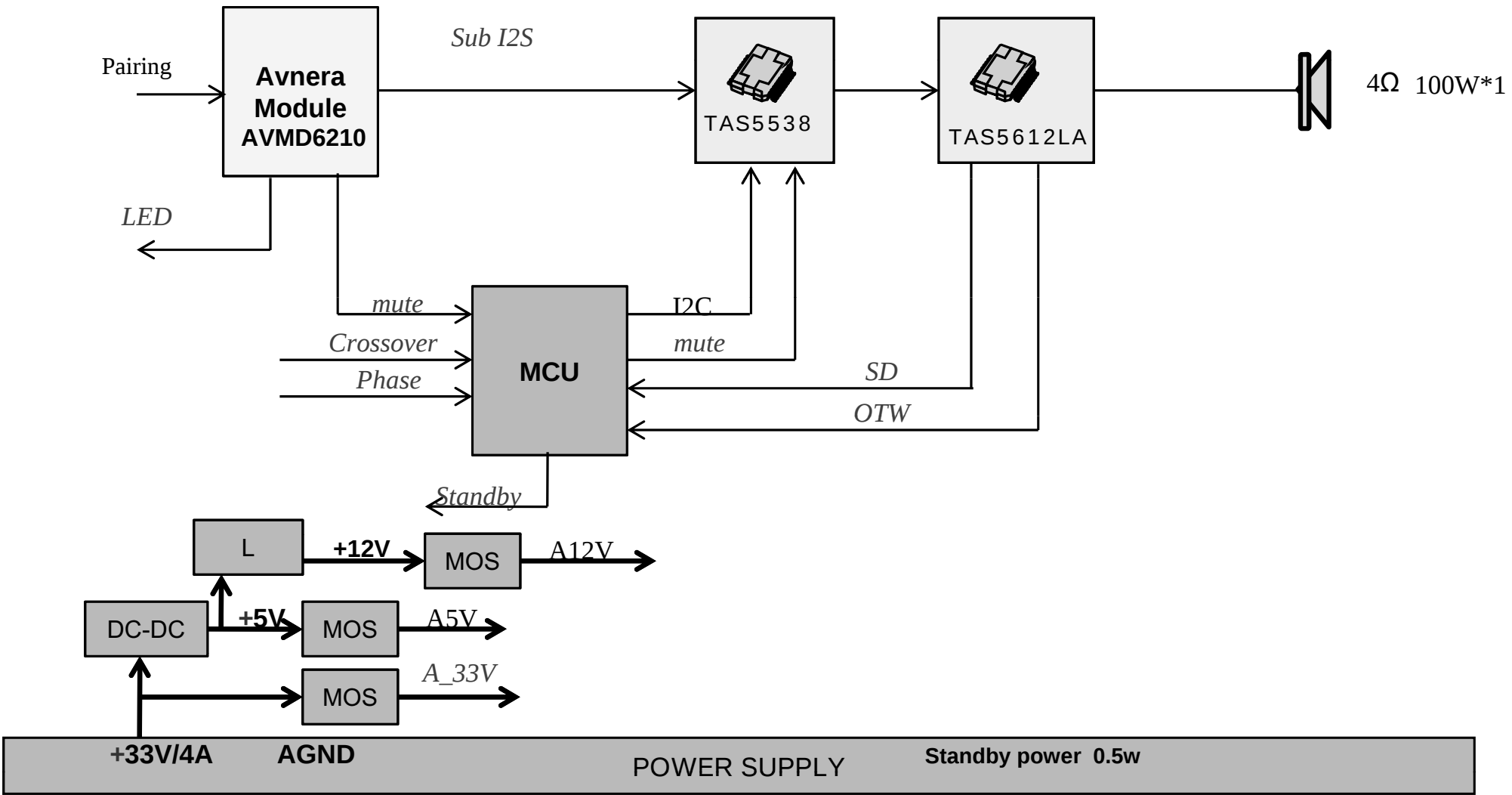
HDMI in does not work



SB26 Soundbar block diagram



SB26 SUBWOOFER block diagram

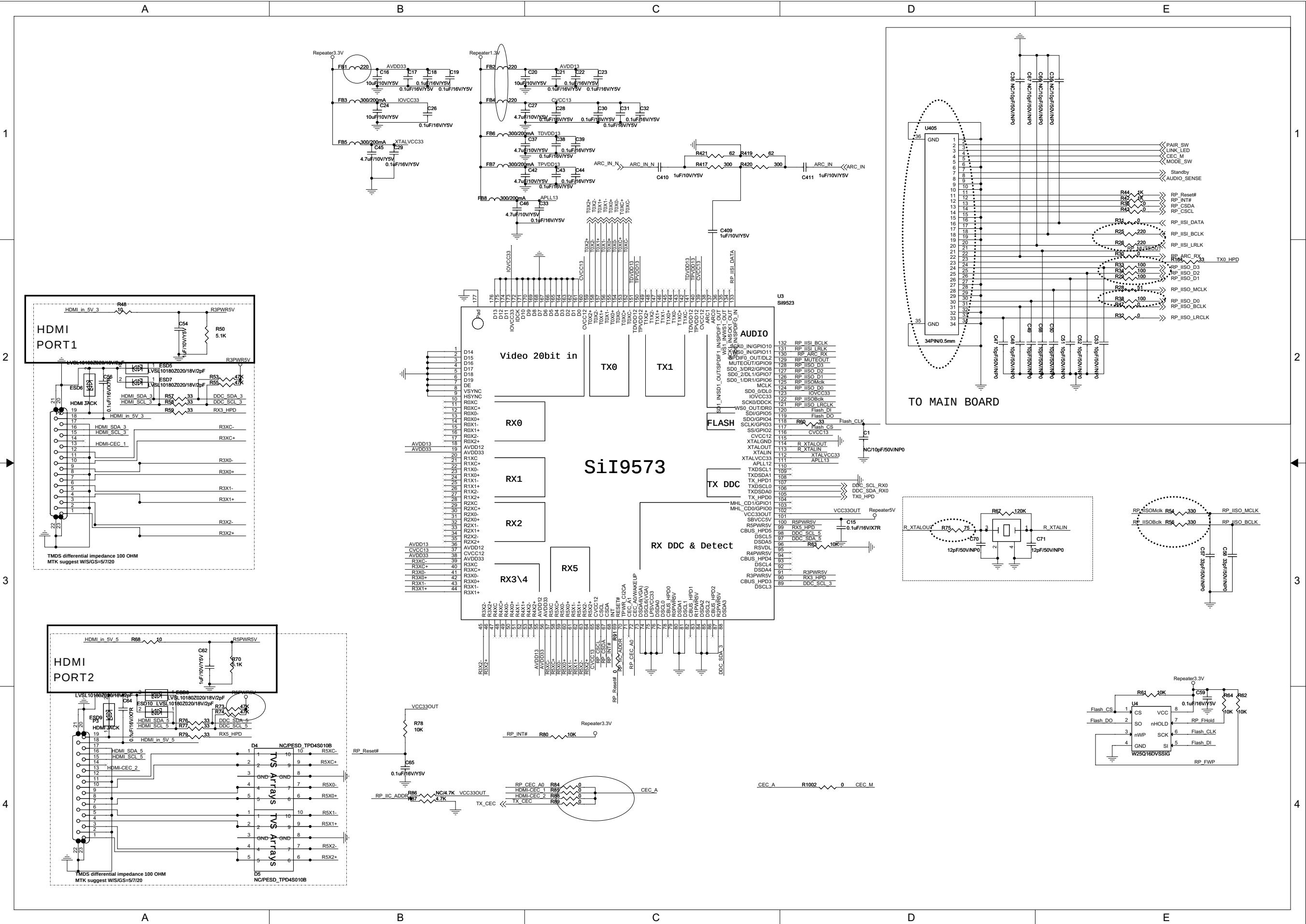


The schematic diagram is divided into five main sections, A through E, each containing detailed circuit components and their connections.

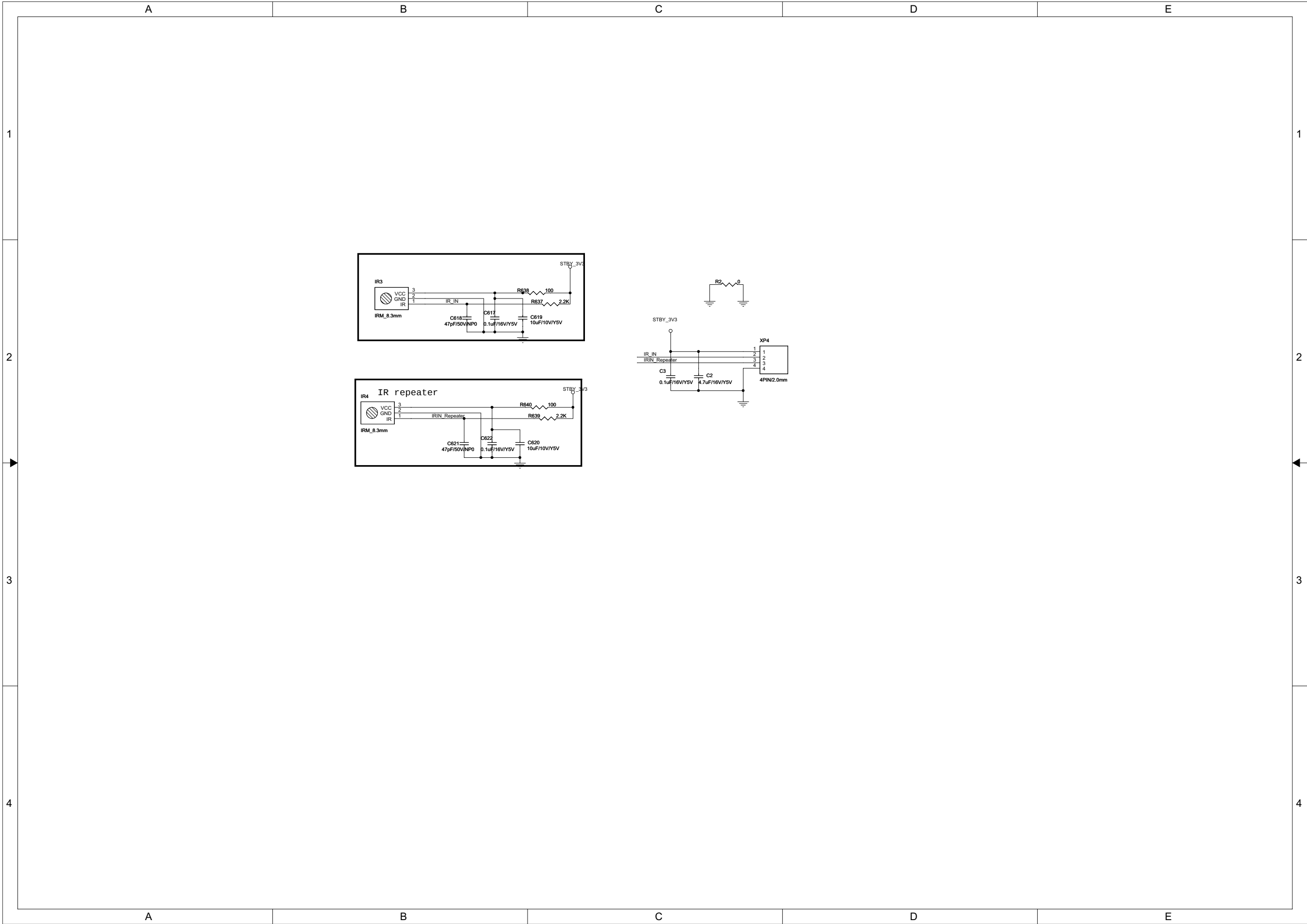
- Section A:** Power input and initial filtering. It includes a 3.3V regulator (U15) and a USB connection (J3) with components like ESD17, ESD18, and LVSL10180202018V/2pF.
- Section B:** Signal input and initial buffering. It shows the input signal (AUX_R_IN, AUX_L_IN) and components like FB19, FB20, and C12, C13.
- Section C:** Core signal processing and buffering. It features a central op-amp (U15) and various transistors (Q1, Q13, Q14) and capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C248, C249, C250, C251, C252, C253, C254, C255, C256, C257, C258, C259, C260, C261, C262, C263, C264, C265, C266, C267, C268, C269, C270, C271, C272, C273, C274, C275, C276, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C333, C334, C335, C336, C337, C338, C339, C340, C341, C342, C343, C344, C345, C346, C347, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C373, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C386, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C468, C469, C470, C471, C472, C473, C474, C475, C476, C477, C478, C479, C480, C481, C482, C483, C484, C485, C486, C487, C488, C489, C490, C491, C492, C493, C494, C495, C496, C497, C498, C499, C500, C501, C502, C503, C504, C505, C506, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518, C519, C520, C521, C522, C523, C524, C525, C526, C527, C528, C529, C530, C531, C532, C533, C534, C535, C536, C537, C538, C539, C540, C541, C542, C543, C544, C545, C546, C547, C548, C549, C550, C551, C552, C553, C554, C555, C556, C557, C558, C559, C560, C561, C562, C563, C564, C565, C566, C567, C568, C569, C570, C571, C572, C573, C574, C575, C576, C577, C578, C579, C580, C581, C582, C583, C584, C585, C586, C587, C588, C589, C590, C591, C592, C593, C594, C595, C596, C597, C598, C599, C600, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C77

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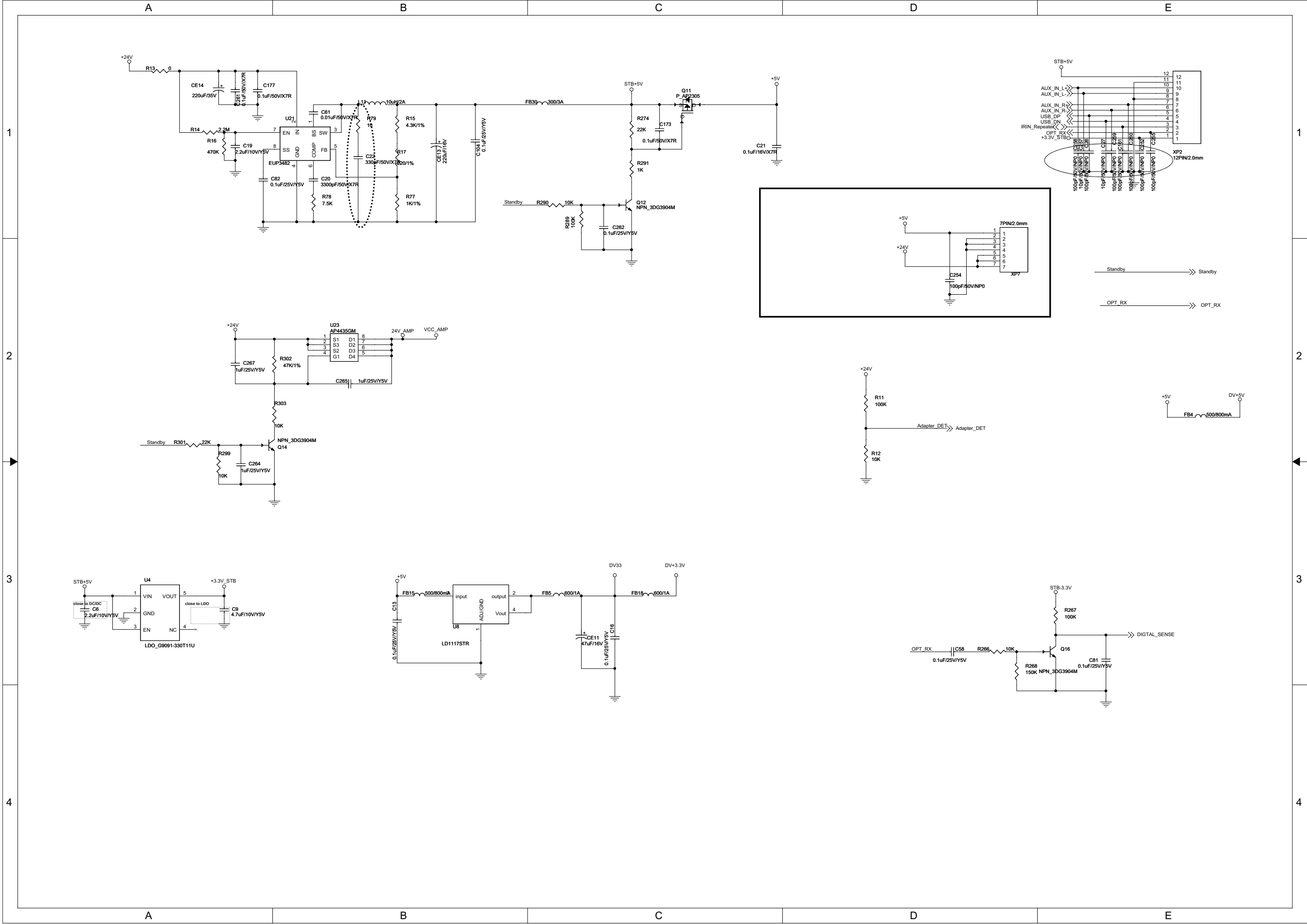
HDMI Board Circuit Diagram for Soundbar:HDMI



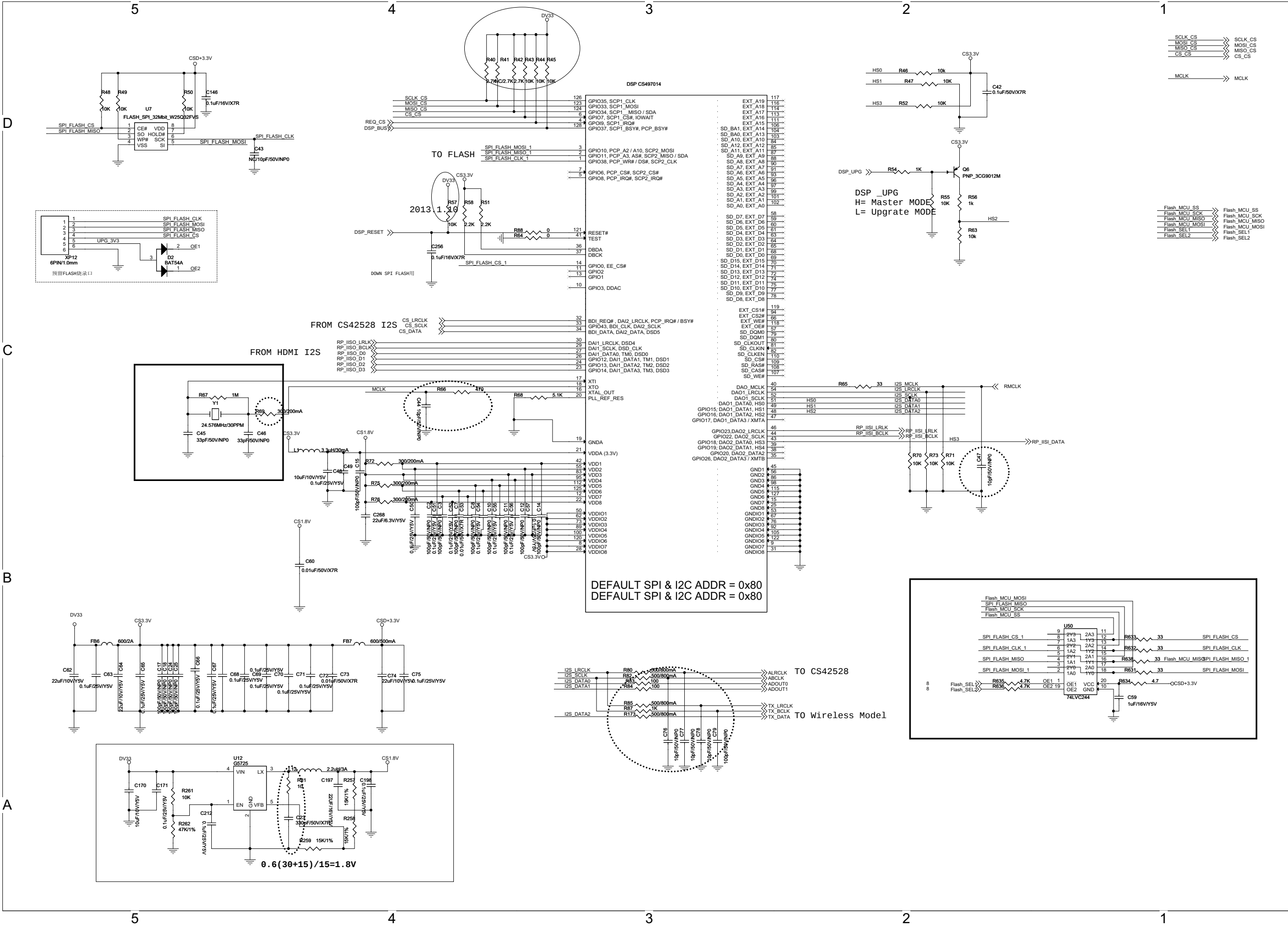
IR Board Circuit Diagram:



Main Board Circuit Diagram for Soundbar:Power-H



Main Board Circuit Diagram for Soundbar:DSP CS497014-H

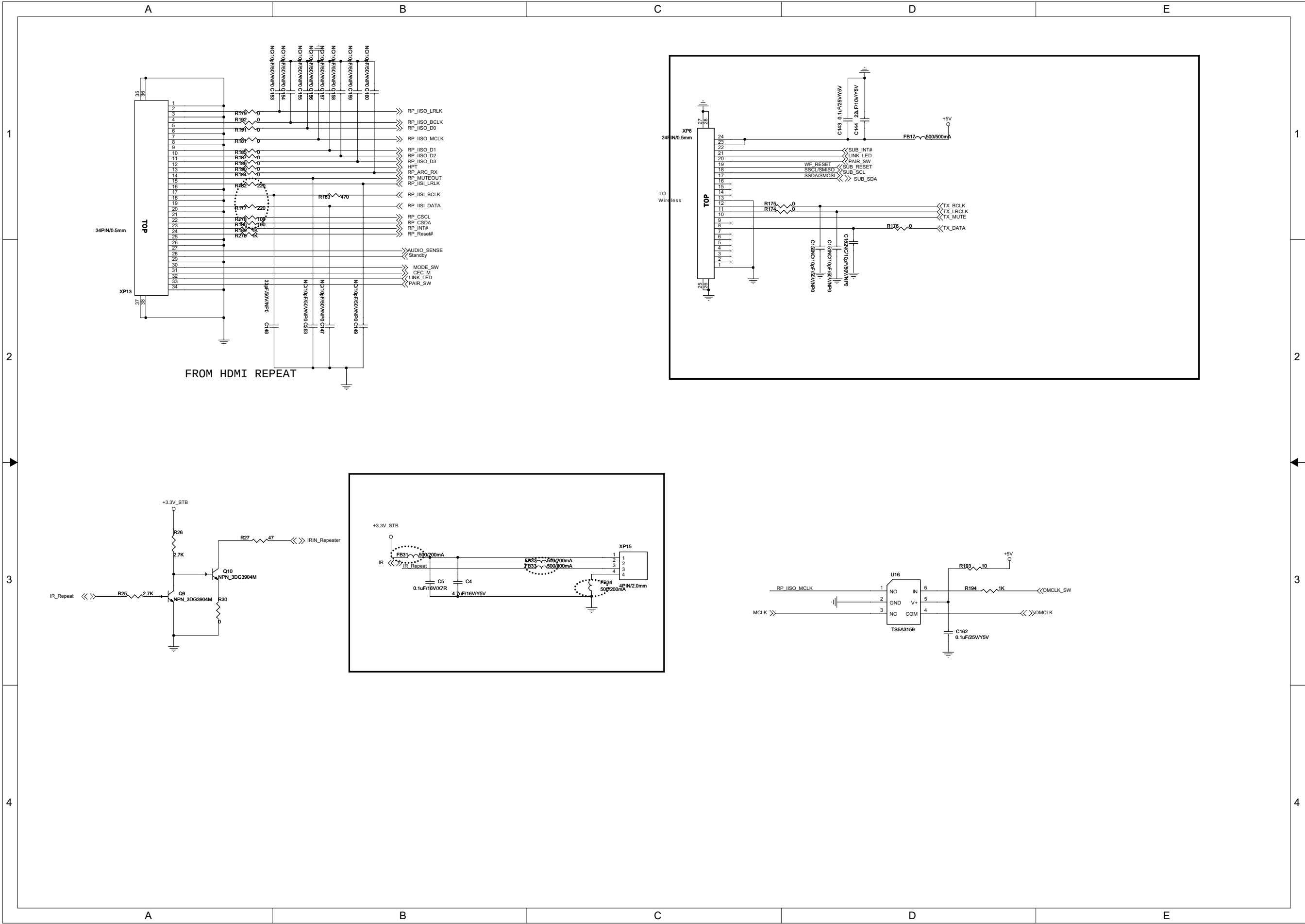


7-8

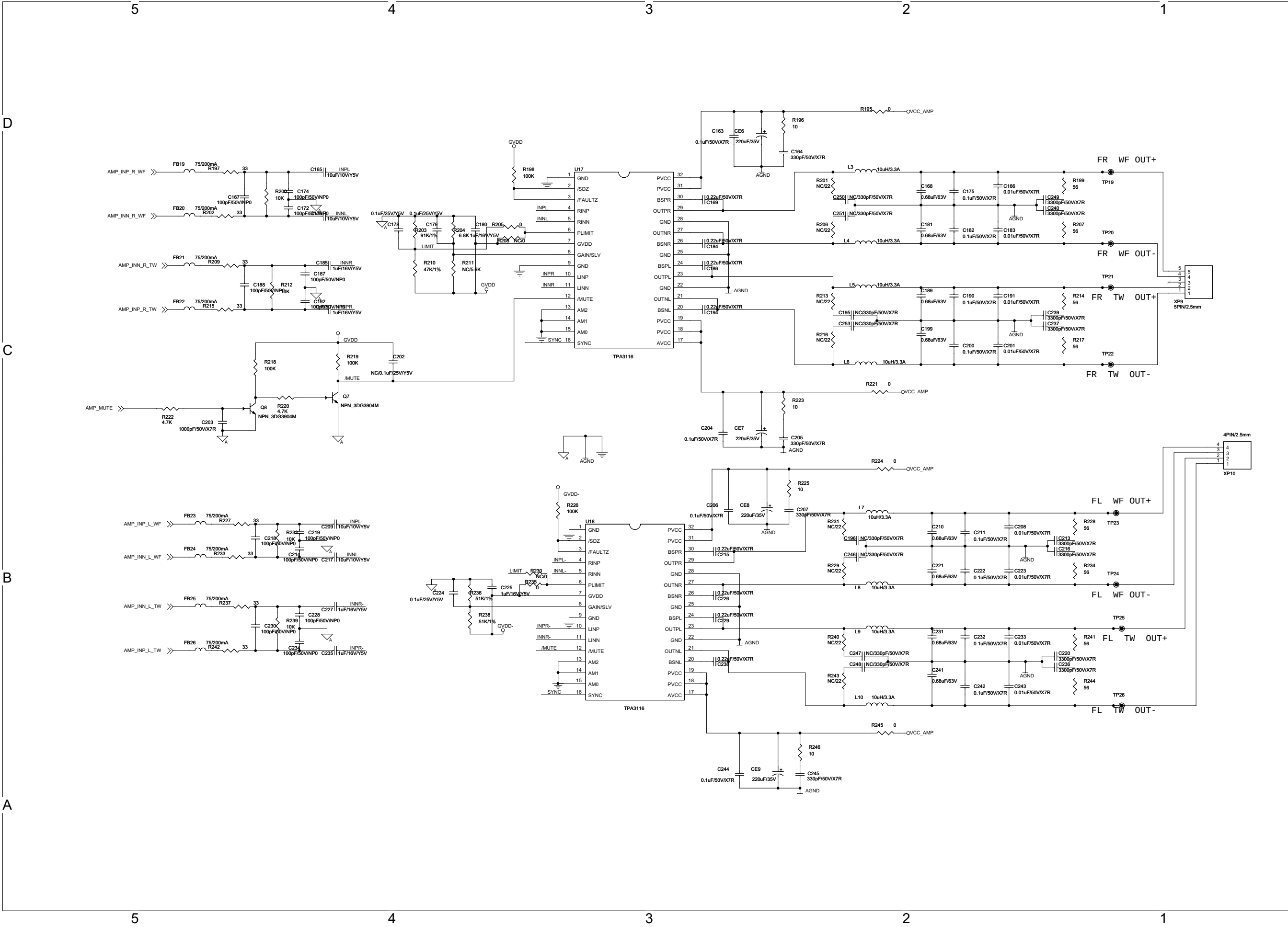
The schematic is organized into five vertical sections labeled A, B, C, D, and E at the top and bottom.

- Section A:** Contains pin headers and connector definitions.
 - Header 1: RP_CSDA, RP_CSL, RP_INT, RP_Reset# to RP_CSDA, RP_CSL, RP_INT, RP_Reset#.
 - Header 2: CODEC_RESET, CODEC_INT, CODEC_SCL, CODEC_SDA to CODEC_RESET, CODEC_INT, CODEC_SCL, CODEC_SDA.
 - Header 3: REQ_CS, DSP_UPS, SCLK_CS, MOSI_CS, MISO_CS, CS_CS, DSP_BUSY, DSP_RESET to REQ_CS, DSP_UPS, SCLK_CS, MOSI_CS, MISO_CS, CS_CS, DSP_BUSY, DSP_RESET.
 - Header 4: SUB_RESET, SUB_SCL, SUB_SDA to SUB_RESET, SUB_SCL, SUB_SDA.
 - Header 5: MCU_MUTE, DIGITAL_SENSE, AUDIO_SENSE, Standby to MCU_MUTE, DIGITAL_SENSE, AUDIO_SENSE, Standby.
 - Header 6: MCU_RX_BT_TX, MCU_TX_BT_RX, BT_RST to MCU_RX_BT_TX, MCU_TX_BT_RX, BT_RST.
 - Header 7: Flash_MCU_SCK, Flash_MCU_MOSI, Flash_MCU_MISO, Flash_MCU_SS, Flash_SEL1, Flash_SEL2 to Flash_MCU_SCK, Flash_MCU_MOSI, Flash_MCU_MISO, Flash_MCU_SS, Flash_SEL1, Flash_SEL2.
 - Header 8: OMCLK_SW to OMCLK_SW.
 - Header 9: CEC_M, MODE_SW to CEC_M, MODE_SW.
- Section B:** Shows power regulation and signal conditioning.
 - Power: STB-3.3V, +3.3V_STB, FB28 (300/200mA), C117 (0.1uF/25V/V5V).
 - Signal: IIC1_SCL, IIC1_SDA, IIC2_SCL, IIC2_SDA, SUB_SCL, SUB_SDA.
 - MCU: U13 (EEPROM_16Kb_M24C16).
- Section C:** The main MCU and peripheral area.
 - MCU: U14 (STM32F205).
 - Power: STB3.3V, +3.3V_STB, FB29 (300/200mA), C120, C121 (0.1uF/25V/V5V).
 - Signal: TX_MUTE, AUDIO_SENSE, RP_Reset#, RP_INT#, MCU_MUTE, HPT, VBAT, PC13-RTC_AF1, PC14-OSC32_IN, PC15-OSC32_OUT, VDD_5, PH0-OSC_IN, PH1-OSC_OUT, NRST, PC0, PC1, PC2, PC3, VDD_12, VSSA, VREF+, VDDA, PA0-WKUP, PA1, PA2.
 - LEDs: SURROUND_LED1, SURROUND_LED2, LED_POWER_ON, LED_POWER_OFF, KEY_POWER, KEY_ADC.
 - Buttons: D7 (LL4148), D8 (BAT54C), D5 (LL4148), Q17 (NPN_3DG3904M).
 - Resistors: R125 (4.7K), R126 (100 SWCLK), R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741,

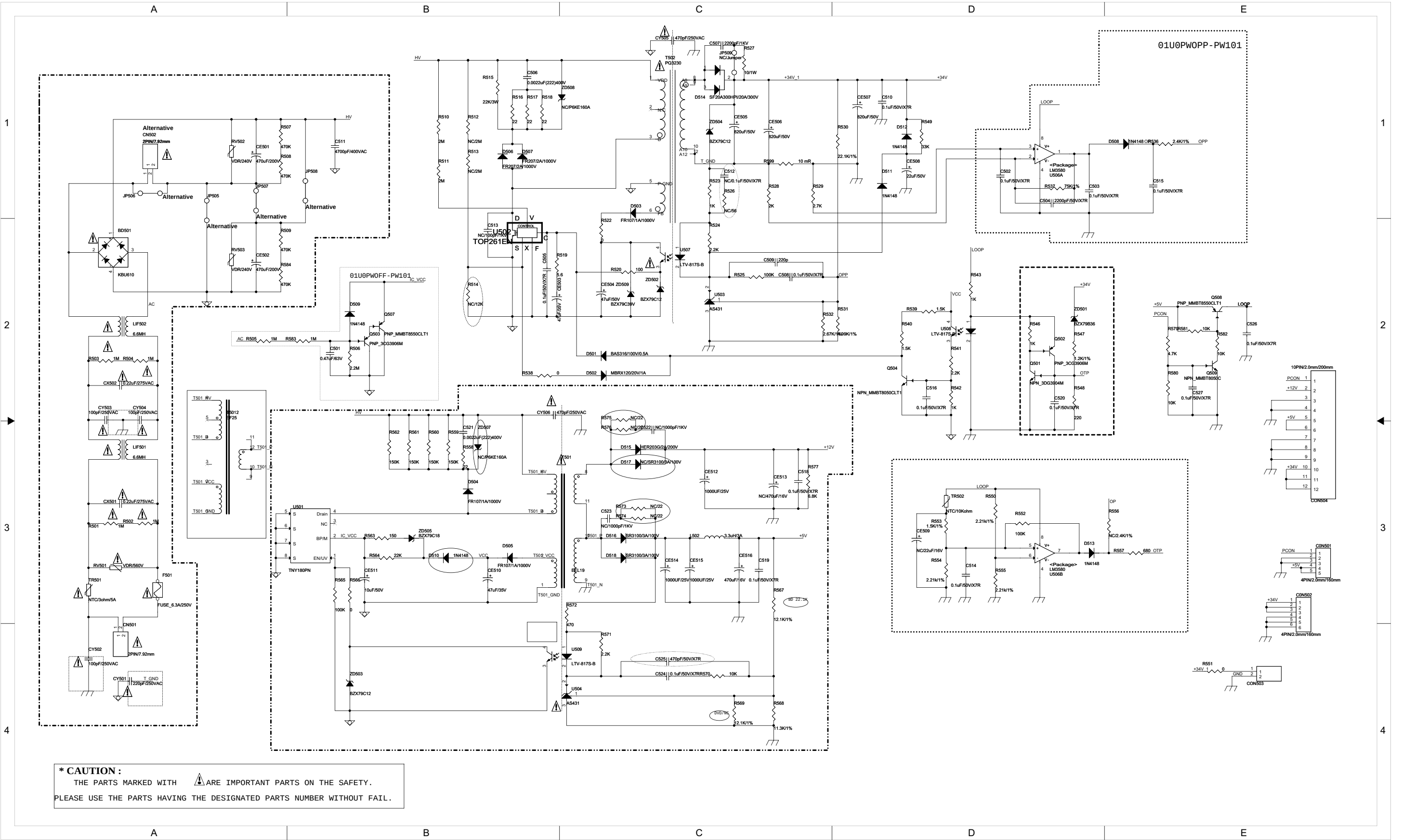
Main Board Circuit Diagram for Soundbar:HDMI&Wireless-H



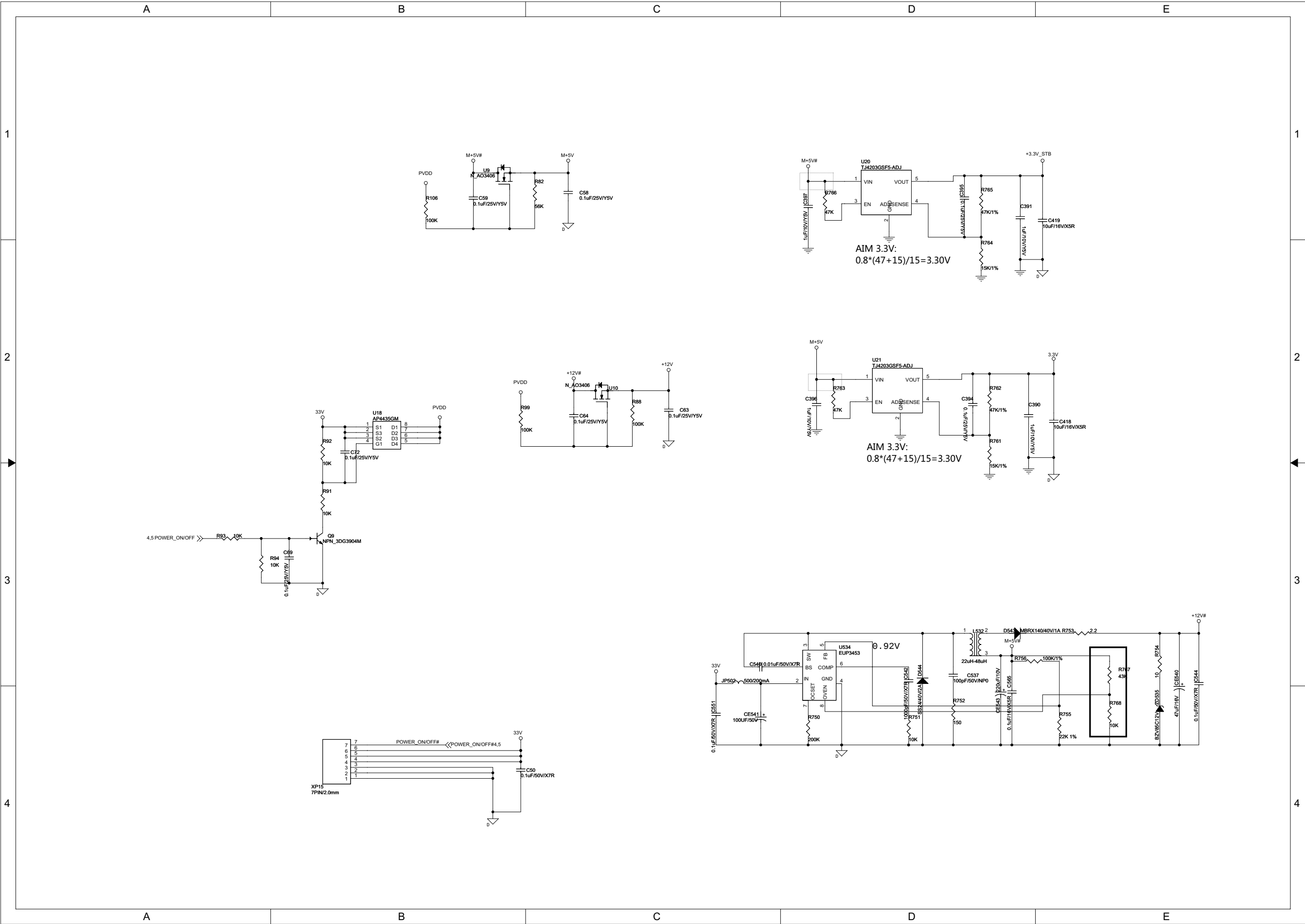
Main Board Circuit Diagram for Soundbar:AMP TPA3116-H



Power Board Circuit Diagram for Subwoofer:

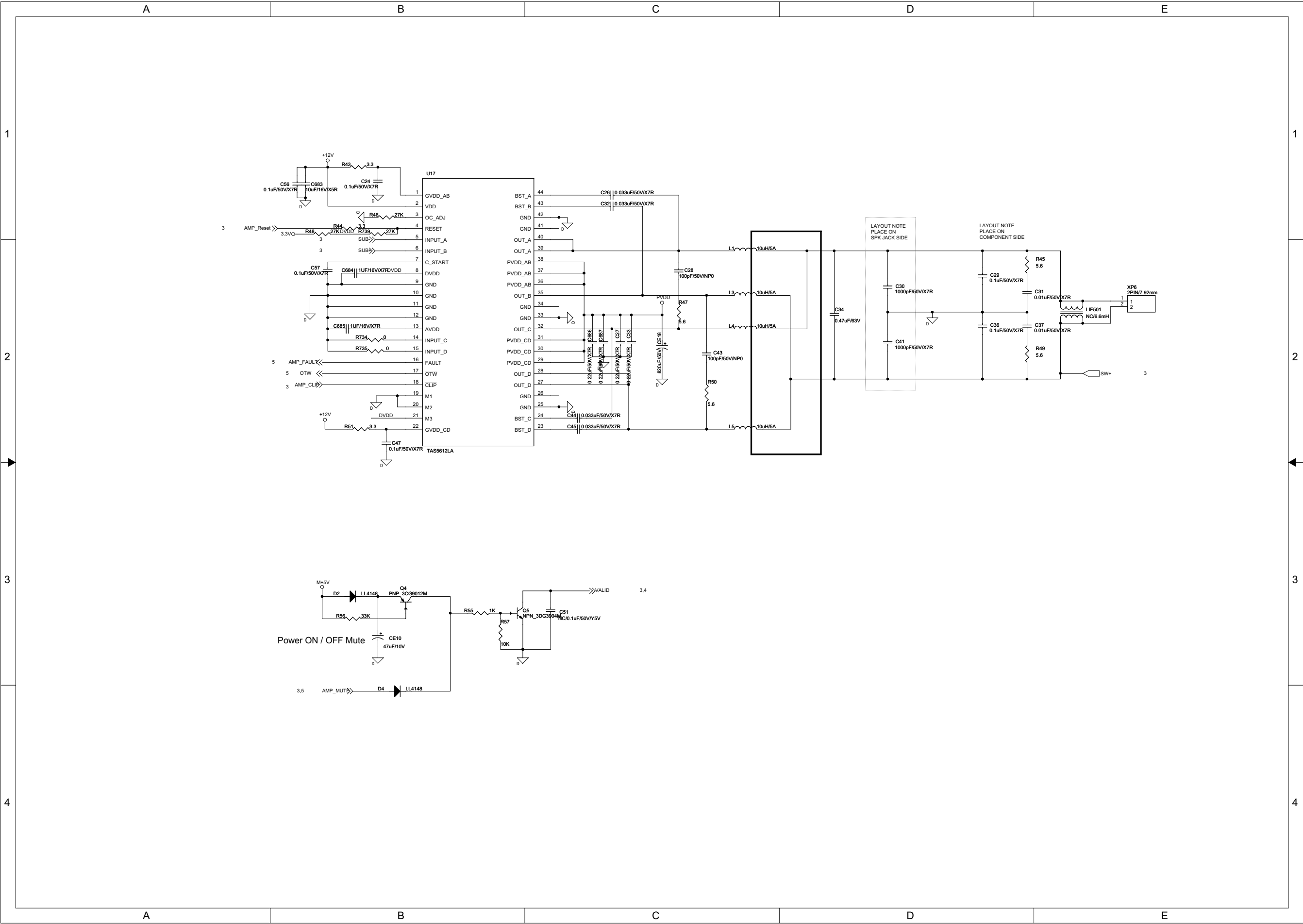


Amplifier Board Circuit Diagram for Subwoofer:

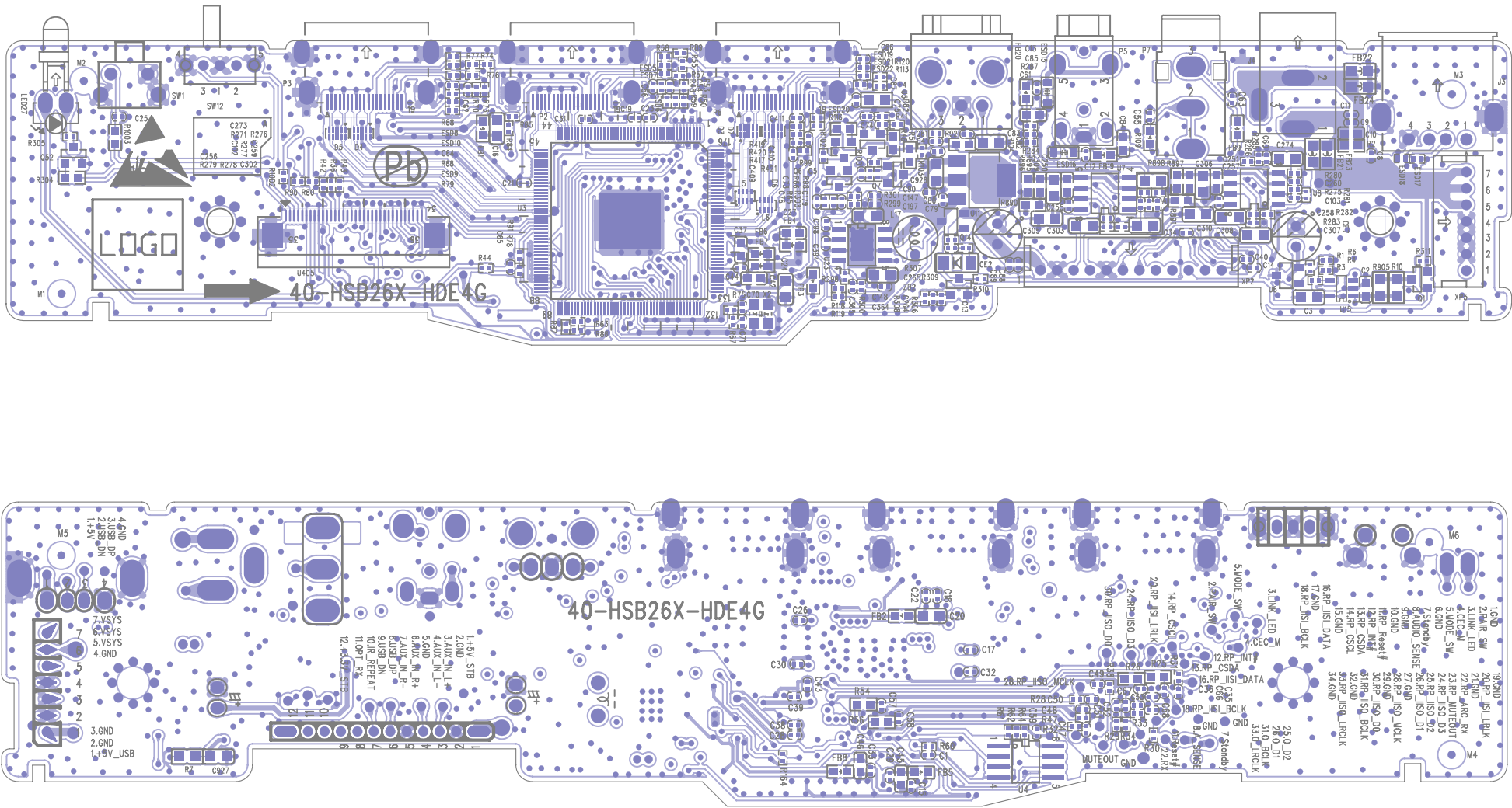


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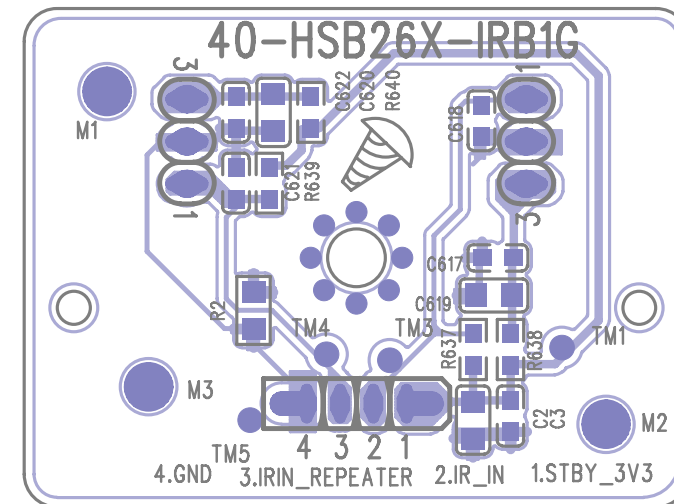
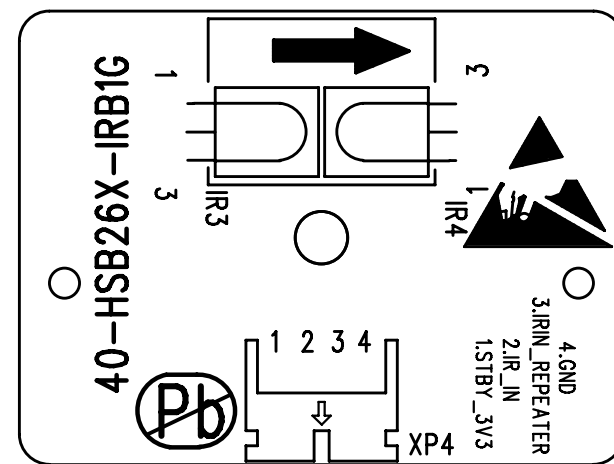
Amplifier Board Circuit Diagram for Subwoofer:



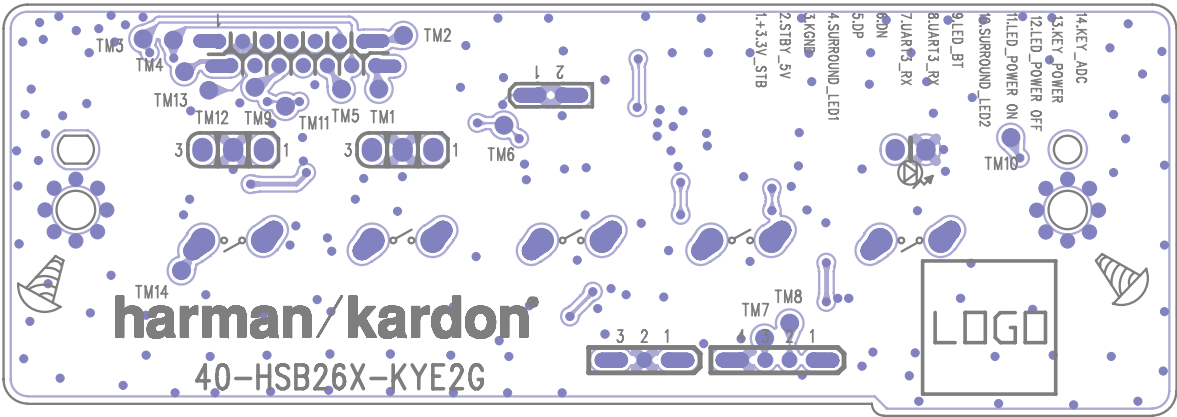
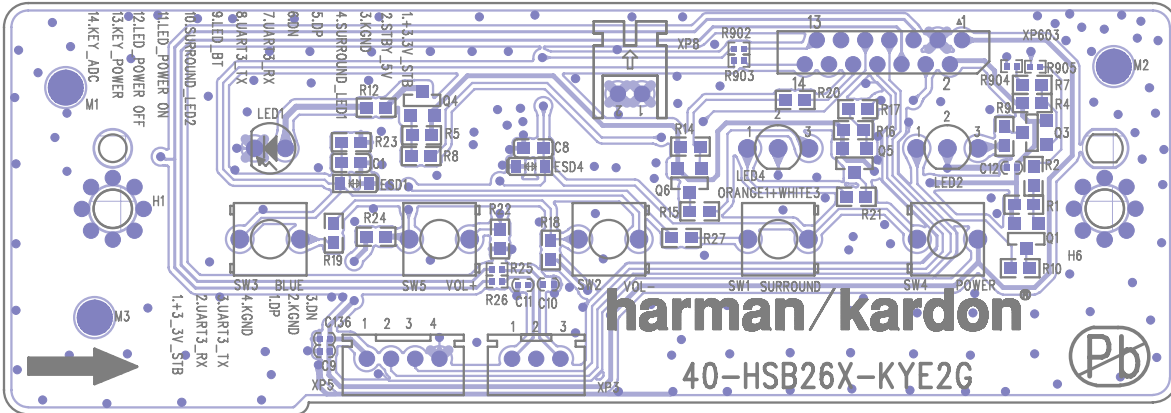
HDMI Board for Soundbar Print-layout(Top and bottom side):



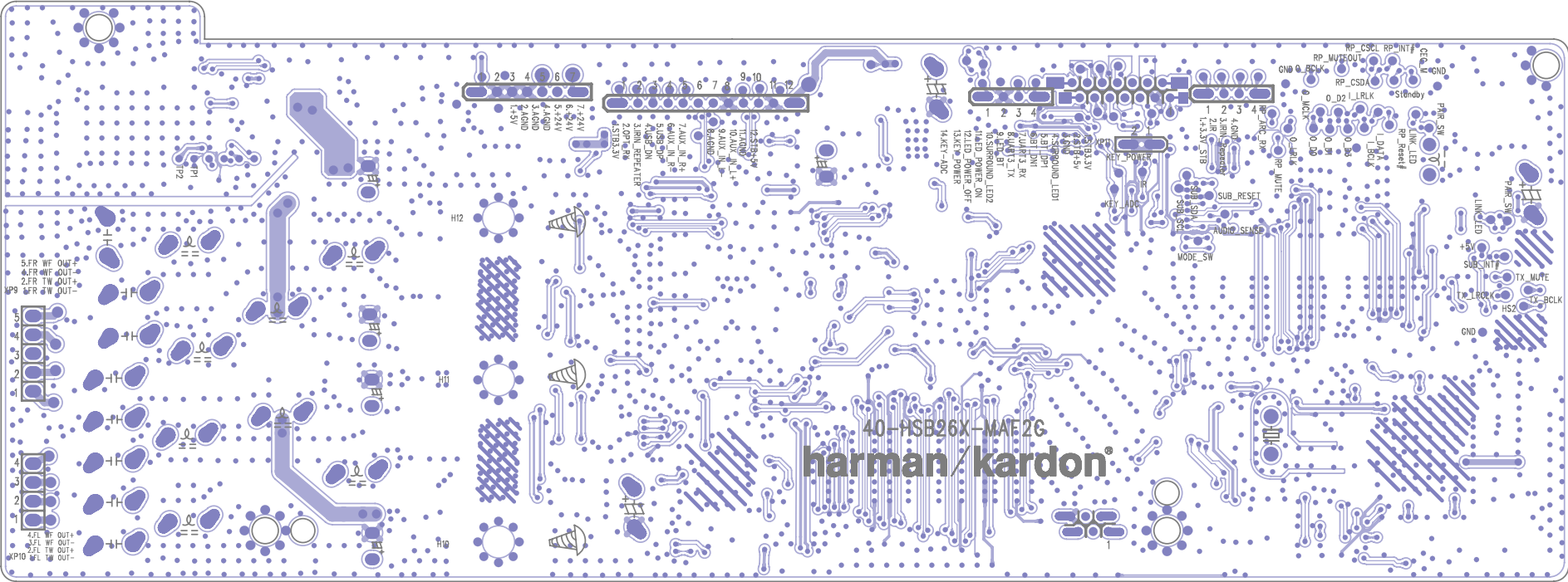
IR Board Print-layout(Top and bottom side):



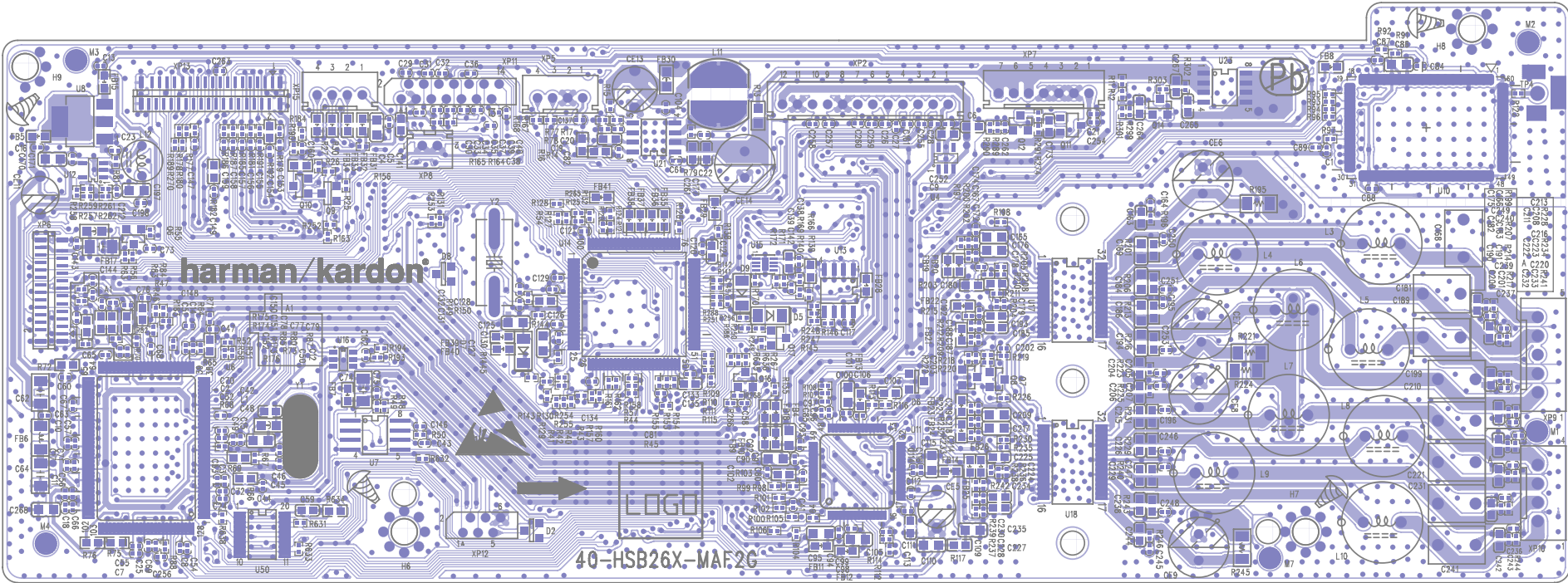
Key Board Print-layout(Top and bottom side):



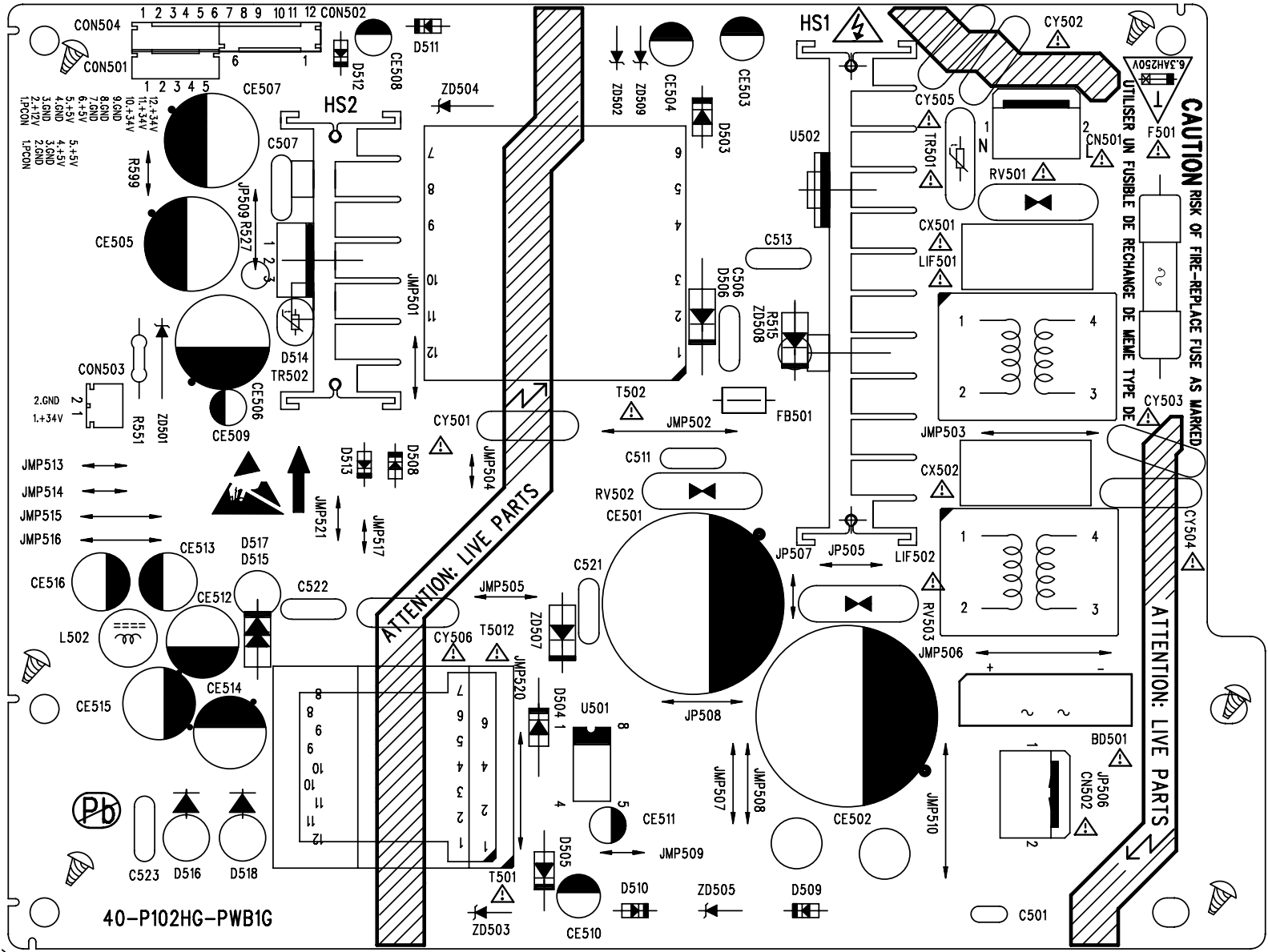
Main Board Print-layout(Bottom side):



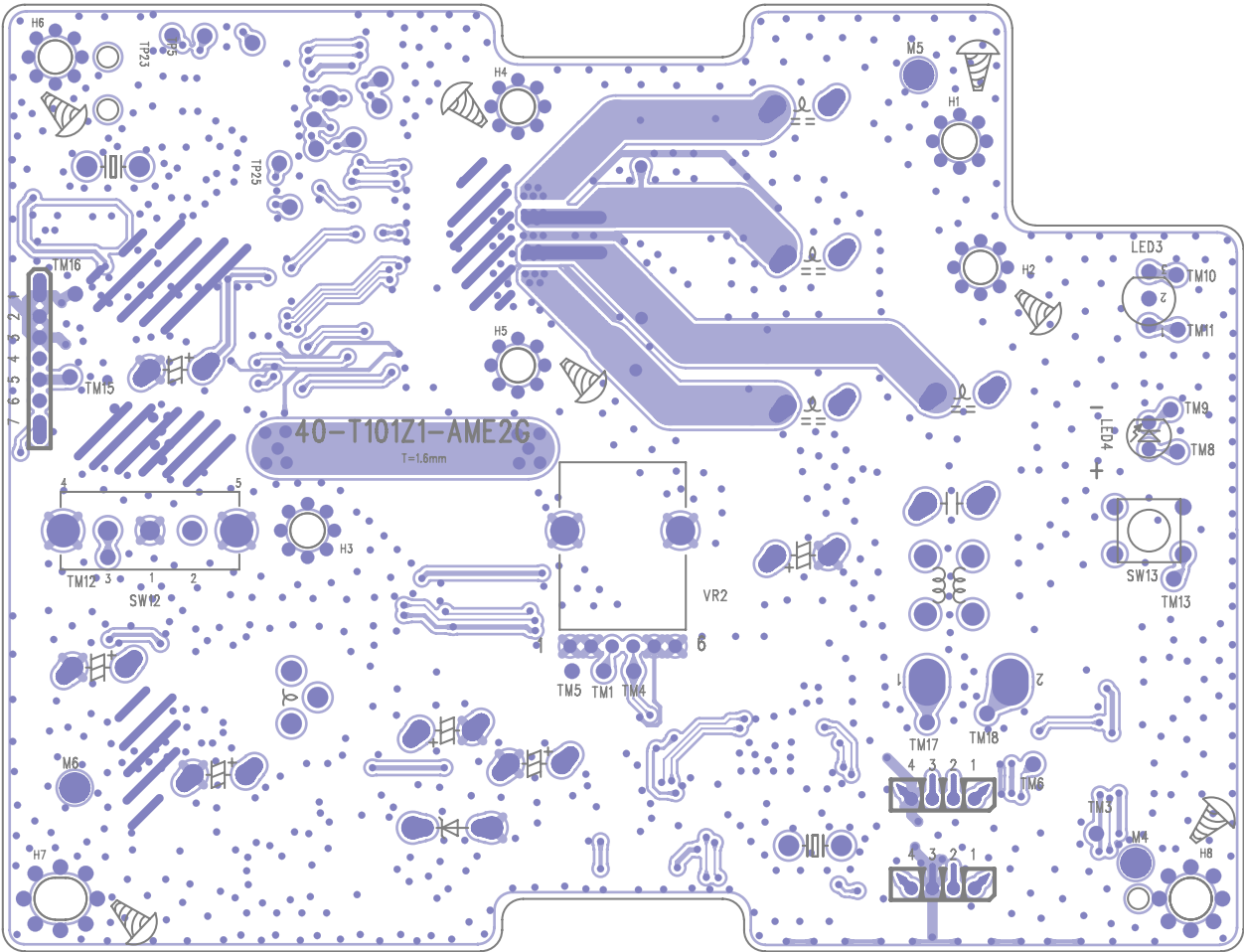
Main Board Print-layout(Top side):



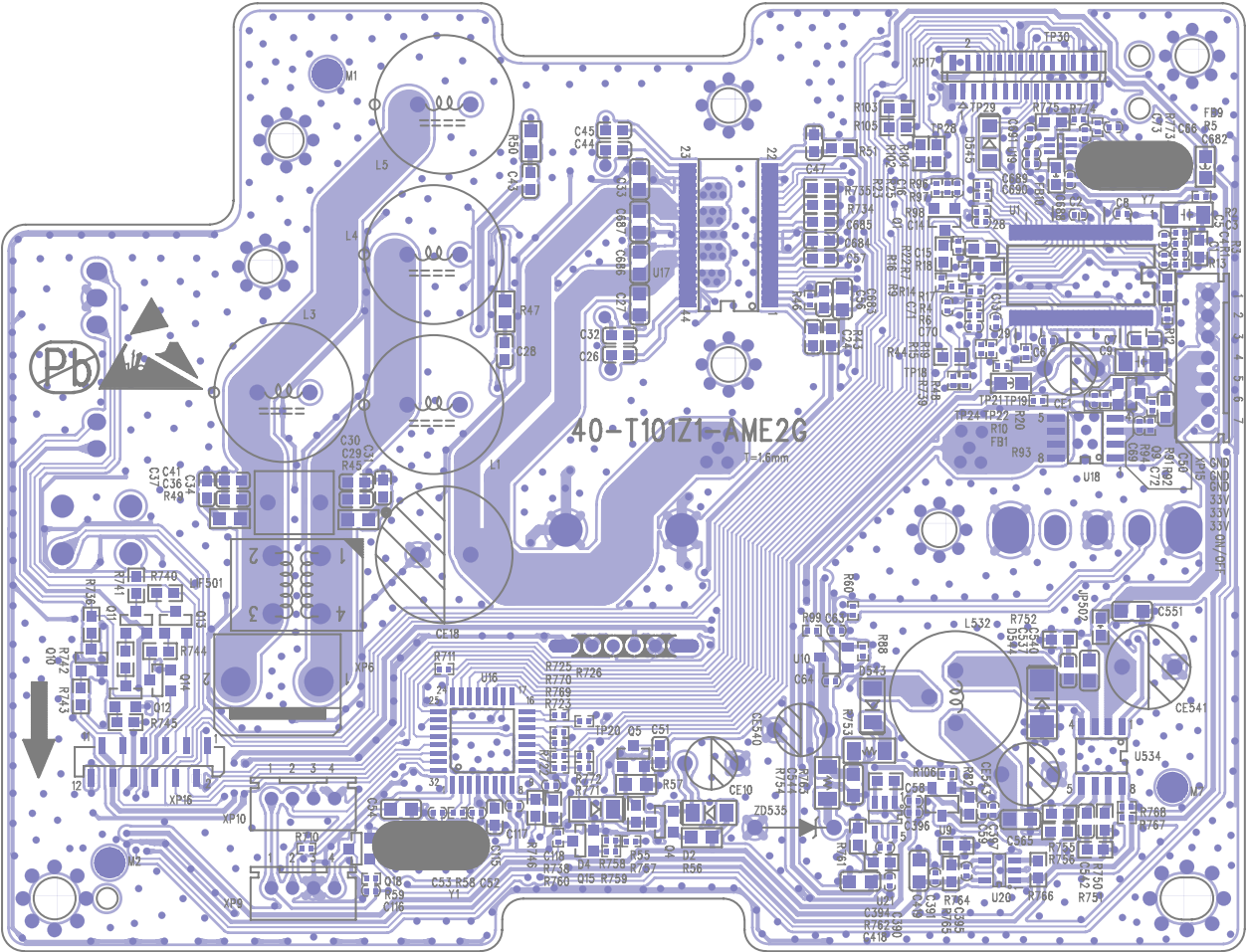
Power Board for Subwoofer Print-layout(Top side):



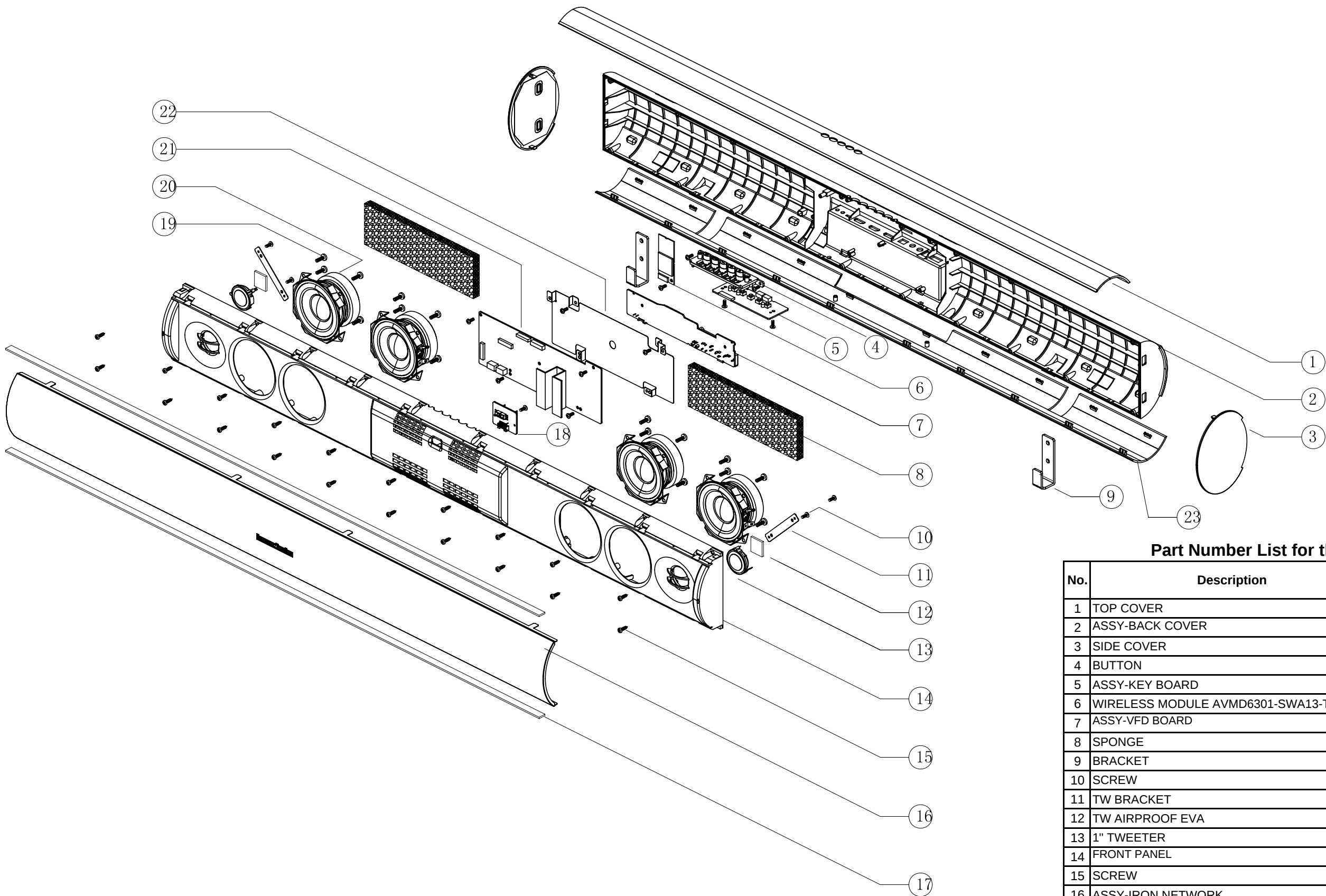
Amplifier Board for Subwoofer Print-layout(Bottom side):



Amplifier Board for Subwoofer Print-layout(Top side):



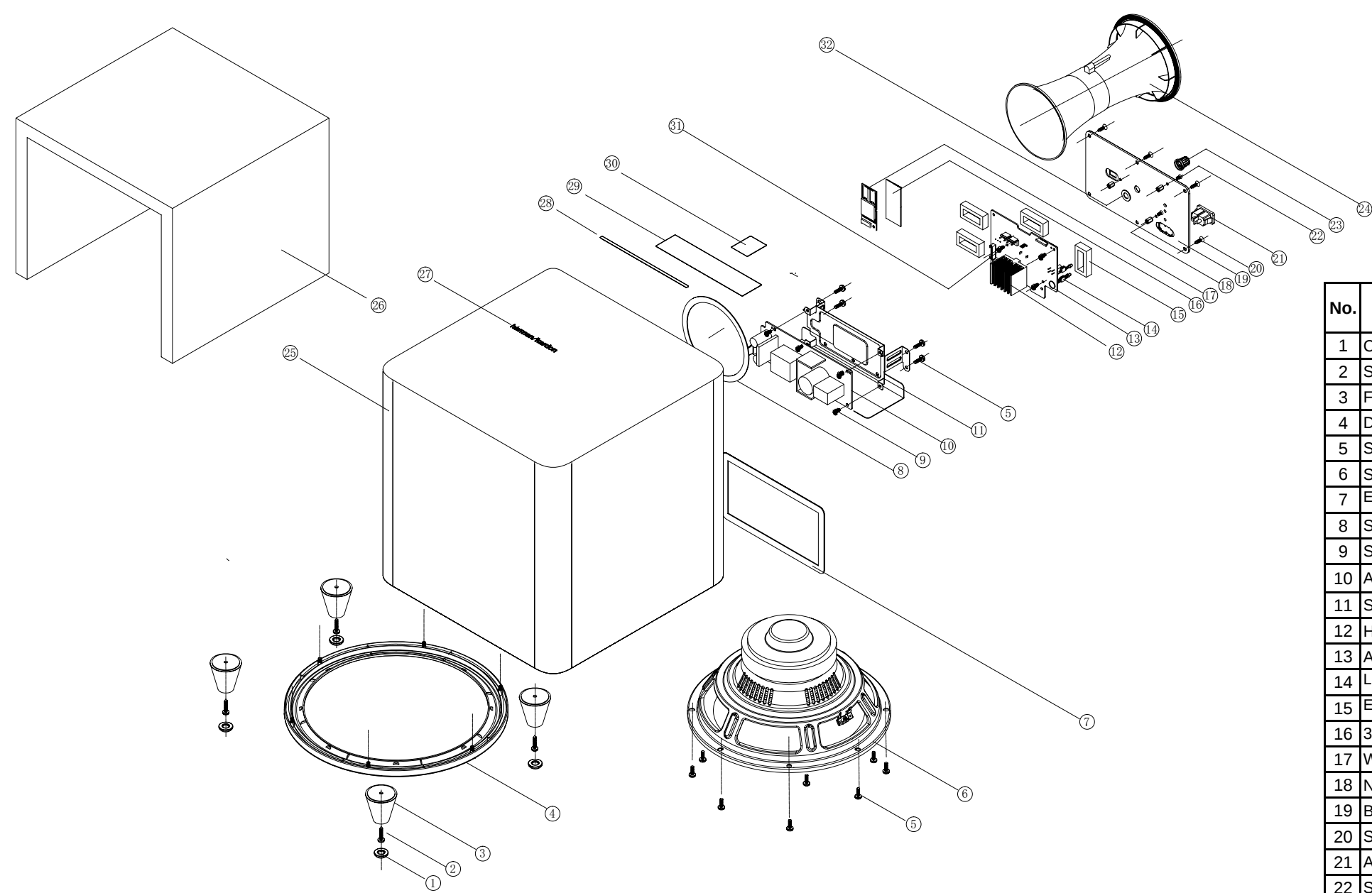
Exploded View for SB26 Soundbar:



Part Number List for the Exploded View

No.	Description	Part Number (for EU Soundbar)	Remarks
1	TOP COVER	08-SB26T1-PAY	
2	ASSY-BACK COVER	08-SB26R1-PAY	
3	SIDE COVER	08-SB26S1-PAY	
4	BUTTON	56-SB26W1-0HPB1	
5	ASSY-KEY BOARD	08-0HSB26-KY0	
6	WIRELESS MODULE AVMD6301-SWA13-TX V3	07-WL6301-00A	
7	ASSY-VFD BOARD	08-0HSB26-HD0	
8	SPONGE	NA	
9	BRACKET	67-SB26H1-0E0	
10	SCREW	NA	
11	TW BRACKET	67-B210H2-0E0	
12	TW AIRPROOF EVA	NA	
13	1" TWEETER	42-011015-04001	
14	FRONT PANEL	08-SB26F1-PAY	
15	SCREW	NA	
16	ASSY-IRON NETWORK	08-SB26G1-PAY	
17	EVA	NA	
18	ASSY-IR BOARD	08-0HSB26-IR0	
19	SCREW	NA	
20	SPEAKER	42-035015-08003	
21	ASSY-MAIN BOARD	08-0HSB26-MA0	
22	SHIELDING PLATE	67-SB26V1-1E0	
23	BOTTOM COVER	08-SB26B1-PAY	

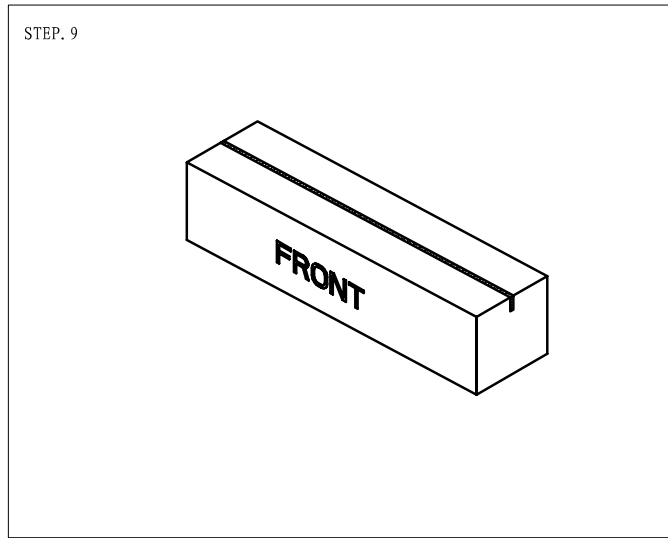
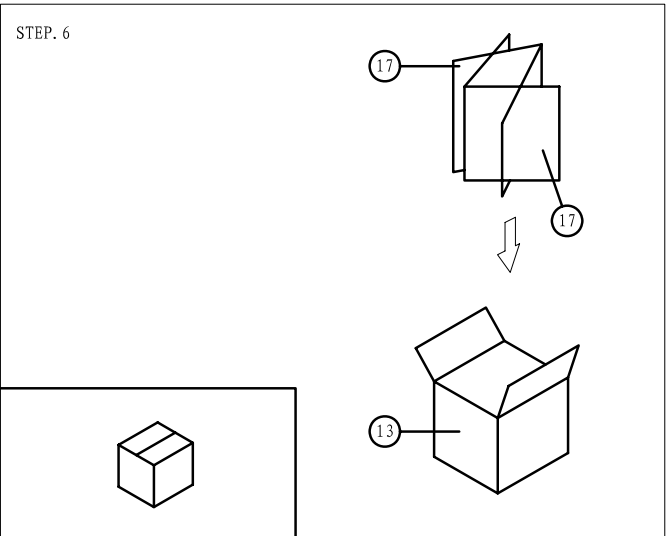
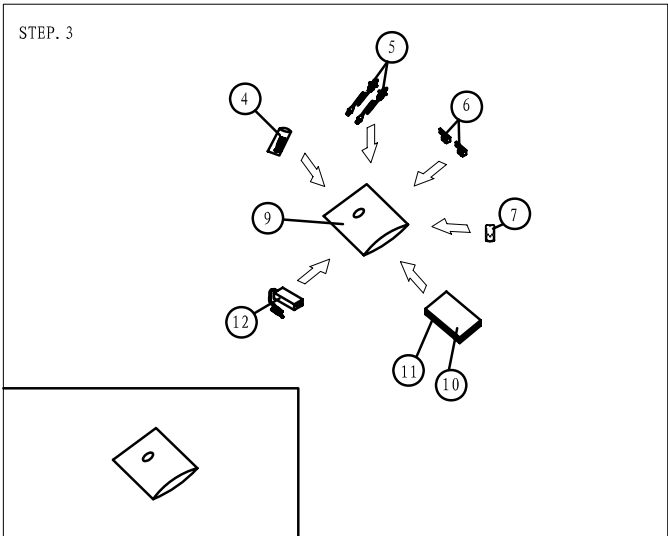
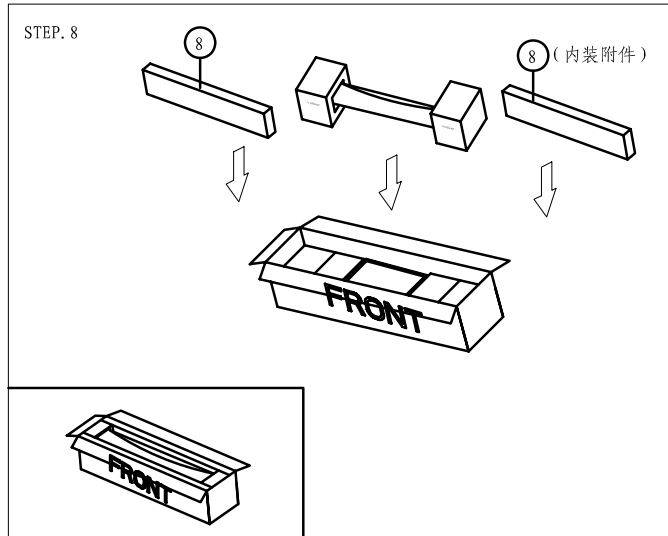
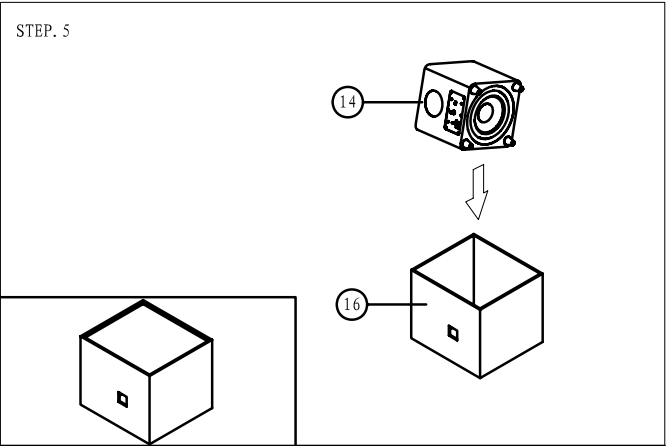
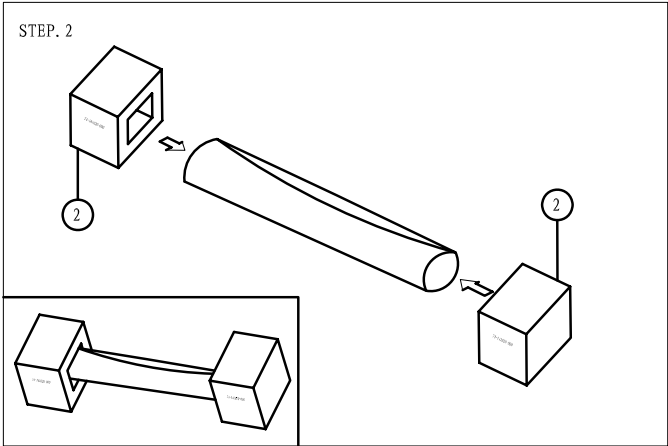
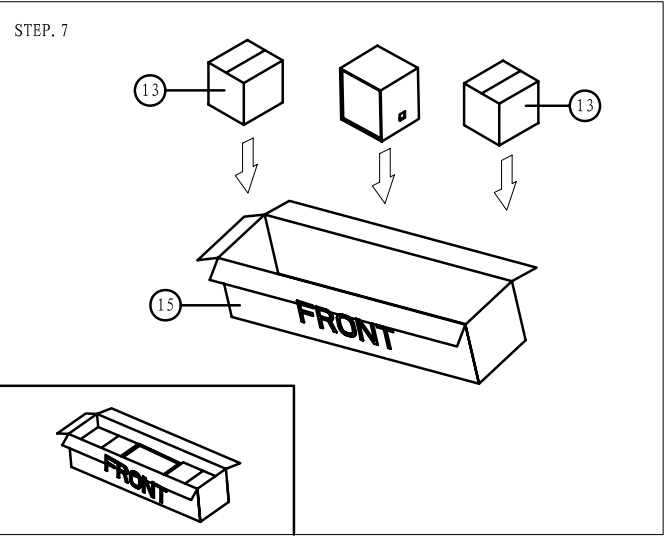
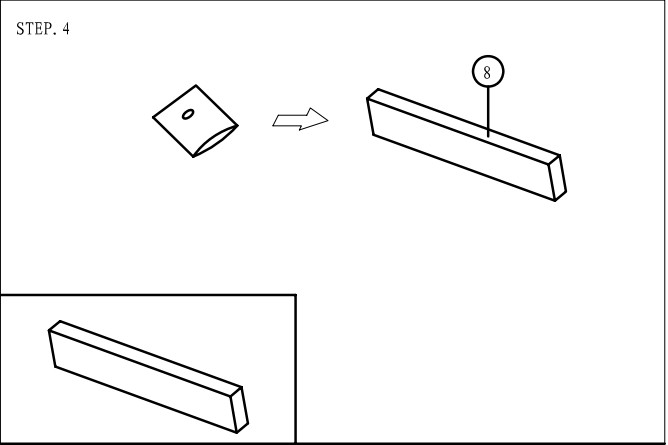
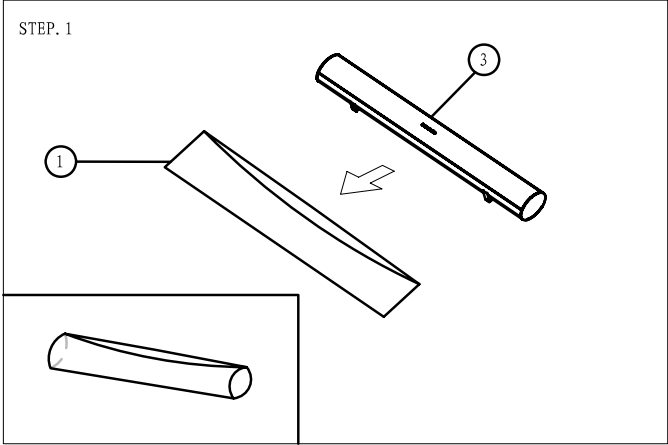
Exploded View for SB26 Subwoofer:



Part Number List for the Exploded View

No.	Description	Part Number (for EU Subwoofer)	Remarks
1	CHASSIS PAD	59-139380-000	
2	SCREW	NA	
3	FOOT	56-SB26C4-0HAB1	
4	DECORATION CHASSIS	56-SB35C1-0HAB1	
5	SCREW	NA	
6	SPEAKER	42-101060-04001	
7	EVA	NA	
8	SPONGE	NA	
9	SCREW	NA	
10	ASSY-POWER BOARD OF SUBWOOFER	08-P100SE-PW1	
11	SHIELDING PLATE	67-SB35V2-0E0	
12	HEAT SINK	NA	
13	ASSY-AMPLIFIER BOARD OF SUBWOOFER	08-T101Z1-AM0	
14	LED SPACER	57-LED3X6-000	
15	EVA	NA	
16	3M9448	54-142680-000	
17	WIRELEESS MODULE RX AVMD6210-SWA12 V63	07-WL6210-00A	
18	NUT	NA	
19	BACK PANEL OF SUBWOOFER	67-SB35B1-0A3B4	
20	SCREW	NA	
21	ASSY-POWER SOCKET OF SUBWOOFER	08-HTL210-PW0	
22	SCREW	NA	
23	KONB	56-SB26K2-0HAB1	
24	ASSY-PORT	02-SB35P9-XX0B1	
25	WOODEN BOX	79-SB26B0-M18B1	
26	SPONGE	NA	
27	EF LOGO	67-SB35L1-0E2	
28	EVA	NA	
29	INSULATION SLICE	58-151740-0U0	
30	EVA	NA	
31	SCREW	NA	
32	EVA	NA	

Packing Exploded View for SB26 AM:



Part Number List for the Exploded View		
No.	Description	Part Number (for AM)
1	MAIN UNIT POLY BAG	74-103023-60HB1
2	EPE BASE	74-141620-000
3	MAIN UNIT	NA
4	HDMI CABLE	46-HDI010-19G01
5	VDE POWER CORD 8 FONT 1200MM	51-BC0150-0LR07-M
6	BRACKET	67-SB26H1-0E0
7	REMOTE CONTROL	06-0HSB26-RM0
8	INNER FOLD CARD	76-150500-0AP
9	IFU POLY BAG	74-018025-51CB1
10	QUICK START GUIDE	72-SB26EU-QSGB1
11	SAFTY SHEET	70-SB26US-SAFB1
12	ADAPTER	08-AB2402-70990
13	BUFFER BOX	76-AS261C-0AT
14	SUBWOOFER	08-0HSB26-SW0
15	GIFT BOX	76-141580-0ATB2
16	INNER CARD	76-152060-0AP
17	FOLD CARD	76-153240-0AP

PARTS LIST: SB26 EU

 Location No.	Reference No.	Description	Qty
21	08-0HSB26-MA0	ASSY-MAIN BOARD	1
U10	07-BTM153-00R	BLUETOOTH MODULE BM153 SB26	1
D2	09-BAT54A-STX	DIODE BAT54A SOT-23	1
D6,D8	09-BAT54C-STXGA	DIODE BAT54C SOT-23	2
D5,D7,D9	09-LL4148-ATX	SMD SWITCHING DIODE LL4148 LL-34	3
Q11	12-AP2305-0BX	P-CHANNEL ENHANCEMENT MOSFET AP2305A	1
U23	12-AP4435-0BX	P-MOSFET AP4435GM SO-8	1
Q10,Q12,Q14,Q16,Q17,Q7,Q8,Q9	12-BT3904-0BX	NPN TRANSISTOR 3DG3904M SOT-23	8
Q6	12-G9012M-HBX	PNP TRANSISTOR 3CG9012M SOT-23	1
U50	13-74LVC2-44B	LINE DRIVER 74LVC244 ADB/SSOP20	1
U11	13-CS4252-8CQ3	IC CS42528-CQZ	1
U6	13-CS4970-14L3	IC CS497014 LQFP128-866630-0.5 CIRRUS L	1
U8	13-CW1117-33B	IC AZ1117	1
U21	13-EUP348-2ADI3	IC EUP3482ADIR1	1
U12	13-G5725A-T11U	IC GMT5725 GMT 1A DC/DC	1
U4	13-G9091T-11U	IC G9091-330T11U SOT-23-5 GMT	1
U13	13-M24C16-MNB	IC 16K EEPROM M24C16-MN6	1
U14	13-STM32F-2050	IC STM32F205VET6 LQFP-100	1
U17,U18	13-TPA311-6D22	IC TPA3116D2 AMP	2
U16	13-TS5A31-59A	IC SWITCH TS5A3159ADBVR SOT-23-6	1
U15	13-US08N0-00B	IC CP2.0C	1
U7	13-W25Q32-FVS1	IC W25Q32FVSSIG SOP8-261-1.27 32M SERIA	1
Y2	45-OSC14M-7N0CT-M	CRYSTAL 14.7456MHZ	1
Y1	45-OSC24M-5N1-M	CRYSTAL	1
7	08-0HSB26-HD0	ASSY-VFD BOARD	1
U5	02-PTR183-XX0	FIBER POTIC RECEIVING MODULE	1
D6	09-BAT54C-STXGA	DIODE BAT54C SOT-23	1
ZD2	09-LL4148-ATX	SMD SWITCHING DIODE LL4148 LL-34	1
Q14	12-AP2305-0BX	P-CHANNEL ENHANCEMENT MOSFET AP2305A	1
Q13,Q52,Q7	12-BT3904-0BX	NPN TRANSISTOR 3DG3904M SOT-23	3
Q1	12-G9012M-HBX	PNP TRANSISTOR 3CG9012M SOT-23	1
Q5,Q6	12-TC1815-GBX	NPN TRANSISTOR TC1815 SMD SOT-23	2
C63,C90,ESD17,ESD18	13-10180Z-02T	IC ESD PROTECTION IC LVSL10180Z020	4
U15	13-AS2910-HM53	IC AS2910HM5/TR-HF SOT-23-5 LDO	1
U6	13-AS431A-HMB	IC AUJUSTABLE PRECISION REGULATOR	1
U23	13-AT1526-P11U	IC BUCK DC/DC CONVERTER	1
U11	13-CW1117-33B	IC AZ1117	1
U7,U8	13-NJM456-5M02	IC DUAL AMPLIFIER NJM4565M DMP8	2
U3	13-SII952-3CT3	IC SII9523CTUC TQFP17 HDMI REPEAT	1
U4	13-W25Q16-BVS1	IC FLASH W25Q16DVSSIG WINBOND 16M	1
LED27	14-LED03B-S10-M	LED BLUE AVL-316B-T	1
XP2	46-FH010T-12XAF	CABLE 12PIN/2.0MM 100MM PH-12Y/JC20-1	1
XP5	46-FH014T-07JF	CABLE 7PIN/2.0MM 140MM PH-7Y/JC20-7P	1
SW12	48-SLI022-XX0	PUSH SWITCH	1
SW1	48-TAC049-XX0	SWITCH TS-1305A 6*6*11	1
18	08-0HSB26-IR0	ASSY-IR BOARD	1
5	08-0HSB26-KY0	ASSY-KEY BOARD	1
RC	06-0HSB26-RM0	REMOTE CONTROL	1
23	08-SB26B1-PAY	BOTTOM COVER	1
14	08-SB26F1-PAY	FRONT PANEL	1
16	08-SB26G1-PAY	ASSY-IRON NETWORK	1

	IRON NETWORK	02-SB26G1-XX0B1	IRON NETWORK	1
	LOGO	67-SB26C1-0A0B1	LOGO	1
	2	08-SB26R1-PAY	ASSY-BACK COVER	1
	3	08-SB26S1-PAY	SIDE COVER	1
	1	08-SB26T1-PAY	TOP COVER	1
⚠	ADAPTER	08-AB2402-70990	ADAPTER	1
	6	07-WL6301-00A	WIRELESS MODULE AVMD6301-SWA13-TX V3	1
	LED MODULE	14-IRE303-XXO-M	IR LED MODULE HIR303A112CPW01-041	1
	AV CABLE	41-UH1200-0AB	AV CABLE RCA*2 L=1200MM	1
	CABLE	41-VN1000-0VN1B	OPTICAL FIBER CABLE 1000MM	1
	13	42-011015-04001	1" TWEETER	2
	20	42-035015-08003	SPEAKER	4
	HDMI	46-HDI010-19G01	HDMI 1M	1
	FFC	46-KF008T-14AVF	FFC CABLE 14PIN/1.0MM L=80MM	1
	FFC	46-KK010C-24AUFC	CABLE 24PIN/0.5MM L=100MM WITH BEAD AND EV	1
	FFC	46-KK012C-34AUF	FFC CABLE 34PIN/0.5MM L=120MM	1
	WIRELESS ANTENNA	47-ANT074-XX0	WIRELESS ANTENNA WA-P-LA-03-149	1
	BLUETOOTH ANTENNA	47-ANT082-XX0	BLUETOOTH ANTENNA WA-P-LA-03-IPEX	1
⚠	PC	51-DC0120-0CRA3-M	VDE POWER CORD 8 FONT 1200MM	1
	4	56-SB26W1-0HPB1	BUTTON	1
	PAD	59-141560-000	RUBBER PAD	2
	11	67-B210H2-0E0	TW BRACKET	2
	9	67-SB26H1-0E0	BRACKET	2
	QSG	72-SB26EU-QSGB1	QUICK START GUIDE	1
	BOX	76-AS261G-0ATB1	GIFT BOX	1
	SUBWOOFER	08-0HSB26-SW1	SUBWOOFER	1
⚠	SUB13	08-T101Z1-AM0	ASSY-AMPLIFIER BOARD OF SUBWOOFER	1
⚠	SUB10	08-P100SE-PW1	ASSY-POWER BOARD OF SUBWOOFER	1
⚠	SUB21	08-HTL210-PW0	ASSY-POWER SOCKET OF SUBWOOFER	1
	SUB19	67-SB35B1-0A3B4	BACK PANEL OF SUBWOOFER	1
	SUB24	02-SB35P9-XX0B1	ASSY-PORT OF SUBWOOFER	1
	SUB17	07-WL6210-00A	WIRELESS MODULE RX AVMD6210-SWA12 V63 OF SUBWOOFER	1
⚠	SUB PC	51-DC0120-0CRA3-M	VDE POWER CORD 8 FONT 1200MM OF SUBWOOFER	1
	SUB3	56-SB26C4-0HAB1	FOOT OF SUBWOOFER	4
	SUB23	56-SB26K2-0HAB1	KONB OF SUBWOOFER	1
	SUB4	56-SB35C1-0HAB1	DECORATION CHASSIS OF SUBWOOFER	1
	SUB1	59-139380-000	CHASSIS PAD OF SUBWOOFER	1
	SUB27	67-SB35L1-0E2	EF LOGO OF SUBWOOFER	1
	SUB25	79-SB26B0-M18B1	WOODEN BOX OF SUBWOOFER	1
	SUB BOX	76-AS354G-0ATB1	GIFT BOX OF SUBWOOFER	1
	SUB6	42-101060-04001	SPEAKER OF SUBWOOFER	1

SAFETY PRECAUTION

The parts identified by ⚠ mark are critical for safety. Replace only with part number specified. The mounting position of replacement is to be identical with originals. The substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire or other hazards.