

# Video Conferencing Soundbar

Reference product design



## Experience

Flex has over \$1 billion in revenue with world class audio/video brands, across a variety of products.

## Expertise

With a global footprint in audio/video design, large scale manufacturing, agile supply chain and end-to-end logistics, Flex has the scale and expertise to provide the audio/video solutions customers need.

## Benefits

Flex's conferencing soundbar reference design allows OEMs to customize smart soundbar products for video conferencing applications with accelerated time to market and reduced upfront investment.



## Video Conferencing

- Designed to support Android-based video conferencing ecosystems
- Facial recognition and tracking
- 4K camera (can support up to three cameras) with FoV Horizontal: 124°, Vertical: 104°
- Image distortion correction (including stitching)
- Mono and stereo operation

## Audio Capabilities

- Beamforming (far-field, up to 6 DMICs, could be extended with 6 AMICs more)
- Speaker face tracking and zooming
- Far-field processing
- Voice service capable
- Two L/R speakers (30W each), with additional mono PA (100W) for center speaker
- Echo cancellation and noise reduction
- Low latency
- Wideband sound output (150Hz/10KHz)

## Technical Specifications

- Qualcomm QCS605 Snapdragon
- WiFi 802.11 A/B/G/N/AC Wave-2 2x2 MIMO
- Bluetooth 5.0
- 4GB DDR4
- 16GB eMMC
- 1Gigabit-Ethernet
- USB Type-C with DP
- HDMI in (2.0 @ 4K/60Hz)
- HDMI Out (1.4 @ 4K/30Hz)
- Dimensions: 11.5 X 11.5 X 48 cm
- Input VDC: +24V
- Temperature range of 0C° to 70C°

Flex (Reg. No. 199002645H) is the manufacturing partner of choice that helps a diverse customer base design and build products that improve the world. Through the collective strength of a global workforce across 30 countries and responsible, sustainable operations, Flex delivers technology innovation, supply chain, and manufacturing solutions to various industries and end markets.

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