



HEALTHCARE

DESIGN & DEVELOPMENT SERVICES

www.silmates.com

Vadodara, Gujarat, India

+91 - 96625 39811

+91 - 91735 07417

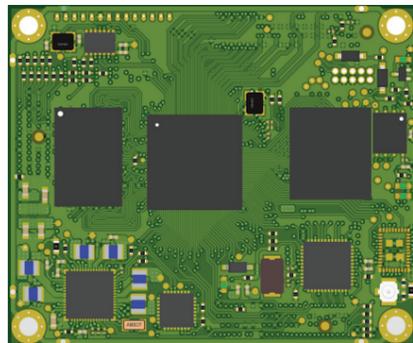
business@silmates.com



About Silmates

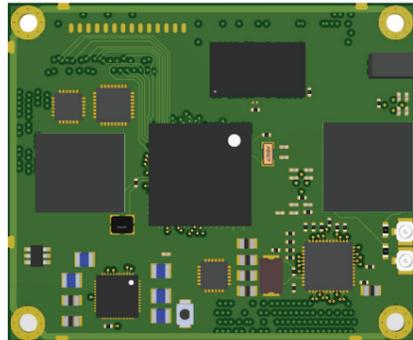
- ✓ Founded in 2022, SILMATES has been at the forefront of medical product development.
- ✓ Our vision is to empower India's medical device industry and foster self-reliance by providing comprehensive support in product development.
- ✓ We are dedicated to creating high-quality products that not only excel in the global market but also contribute to positioning India as a leader in the medical device domain.
- ✓ We specialize in medical device design, regulatory consulting, clinical trial management, and product lifecycle support.
- ✓ We are also offering value added products, Software tools, etc.
- ✓ Our unique methodologies ensures that your products meet the highest standards of safety & efficacy.

Our Products (SoM)



NXP i.MX 8M Mini/Nano

- ✓ Up to 4x Cortex-A53, 1x Cortex-M4
- ✓ Dual Band 2.4/5 GHz 2x2 Wi-Fi 5 (802.11ac) + Bluetooth 5.3
- ✓ Up to 2GB DDR RAM
- ✓ Up to 64GB eMMC Flash
- ✓ 1x Gbit Ethernet, 2x USB, TPM, 1x CAN, 1x PCIe, 1x CSI, 1x DSI, 4x UART, 3x SPI, 4x I2C, 1x QSPI, 1x MMC, 1x I2S



Texas Instruments AM335x

- ✓ ARM Cortex-A8 with up to 1 GHz + 2 x PRU computing core
- ✓ Dual Band 2.4/5 GHz 2x2 Wi-Fi 5 (802.11ac) + Bluetooth 5.3
- ✓ Up to 2GB DDR RAM
- ✓ Up to 64GB eMMC Flash
- ✓ 1x Gbit Ethernet, 2x USB, TPM, 1x CAN, 1x 24-bit RGB, 3x UART, 1x SPI, 3x I2C, 6x ADC, 1x MMC, 1x I2S

Our Offerings



Our Process



Area of Expertize



Medical Electrical Systems



Electromechanical Products Or Subsystems



Handheld Medical Devices



IoT Enabled Medical Devices



Wearable Medical Devices