

March 29, 2023

The National Stock Exchange of India Ltd
Exchange Plaza, C-1, Block G
Bandra – Kurla Complex
Mumbai 400051

The Department of Corporate Services
BSE Limited,
P.J. Towers, Dalal Street
Mumbai 400001

Scrip Symbol: SANSERA

Scrip Code: 543358

Dear Sir/ Madam

Subject: Investors Presentation

Please find attached a copy of Investors Presentation on strategic investment duly approved by the Board of Directors at its meeting held today.

Kindly take the same in your record.

Thanking you.
for Sansera Engineering Limited

Rajesh Kumar Modi
Company Secretary
M.No. F5176

SANSERA ENGINEERING LIMITED

(Formerly Sansera Engineering Pvt Ltd)

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E-mail id: info@sansera.in Website: www.sansera.in CIN: L34103KA1981PLC004542

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ideas@work

Strategic Investment in

MMRFi 
technology pvt ltd

MARCH 2023



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MMRFIC is a Research, Design and Manufacturing entity, building sub-systems for next generation Radars by leveraging machine learning with artificial intelligence and, mm-Wave Sensors with hybrid beam forming capabilities

Deal Size



INR **200** Mln

~21% stake based on projected
FY24 EBITDA

Deal Contours

Acquisition of:

- › 1,49,250 CCPS of Rs.100/- each with a premium of Rs. 1240/- per CCPS; and
- › 17 Equity Shares of Re 1/- each with a premium of Rs. 599/- per share

Sansera has right to invest and increase stake up to 51% at a predefined valuation formula

Key financial highlights

Estimated
Revenue in FY24
INR **200** Mln

Current Order Book deliverable
Q1 FY24 >INR **110** Mln
Expected Order in Q2/Q3 >INR
150 Mln

**Healthy
profitability
track record**

A central white circle with a drop shadow and a thin blue border. Three lines extend from the circle to three separate text boxes: one to the top-right, one to the right, and one to the bottom-right. The background features a teal-to-blue gradient on the left side.

Investment Rationale

Enter into high technology space and have access to a strong R&D and engineering team which can address our priority market segments viz., Defence and Aerospace. It also has the potential in the Telecom (5G) and the Automotive (autonomous driving – subsystems) technologies to be exploited in future.

Have access to world-class technologies

Grow this Company to be a significant player in its sectors with a further investment if required



Mr. B R Preetham
Group CEO

Commenting on the Strategic Investment Mr. B R Preetham Group CEO, Sansera Engineering Limited said,

*"I am very pleased to inform you that we have signed a definitive agreement for a strategic investment in MMRFIC Technology Private Limited (MMRFIC). Diversification and collaborations have been an integral part of our journey since the very beginning. This transaction provides an opportunity to reinforce this strategy by increasing the pie of our non-ICE offerings. Further, it is a **testimony of our commitment towards our emerging Aerospace and Defence business. With MMRFIC's niche technology, we will create a product portfolio for AatmaNirbhar Bharat.***

MMRFIC's team of experts and years of R&D experience in the Radars space sets it apart and made a compelling investment case for us. This transaction will help us take a leap in futuristic technologies.

Over the years, Sansera has successfully demonstrated very strong technological competences and an outstanding ability to serve large customers with excellence. The strategic investment in MMRFIC will help Sansera enter into high technology space and have access to a strong R&D and engineering team which can address our priority market segments viz., Defence and Aerospace. It also has the potential in the Telecom (5G) and the Automotive (autonomous driving – subsystems) technologies in future. Sansera's market positioning and future investments will help MMRFIC to be a significant player in its sectors.

MMRFIC's day-to-day business and operations will continue to be managed by its existing management team, which has successfully led the company to this stage."

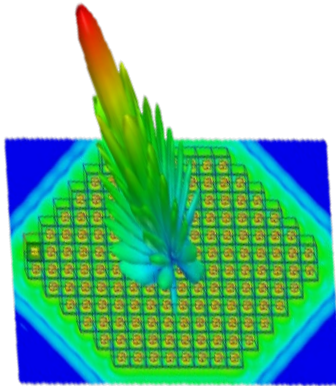
MMRFIC

“Antenna to Bits”



Fabless semiconductor startup based out of India

- › **8+ years Profit making Venture**
- › **9 US Patents** (Global) Granted
- › **Highly Qualified team** for **mm-Wave, RF, Digital Systems** with product delivered up-to **110 GHz**



Focused on mm-Wave Products for wide range of markets

- › Next-Gen Radars with **Hybrid Beamforming & AI**
- › Advanced Communication Technology targeting **5G**
- › Wireless connectivity solutions **for Healthcare**
- › Reliable products for **Defence Radar** applications
- › Potential in **Telecom, Security and Autonomous driving - subsystems**

MMRFIC Journey: A Brief

MMRFIC has key **Expertise** in RF & **mm-Wave**.

Design and Develop **End to End Systems** ("Antenna to Bits")

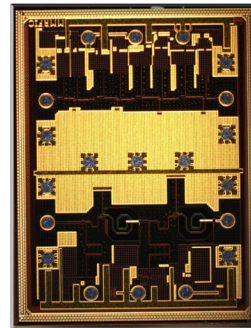
Delivered products up to **110GHz** (W Band).

Developed IC's and also worked on **COTS** for developing various products.

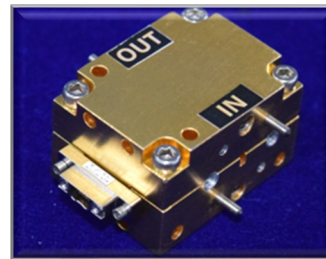
Experts in **Hybrid, Digital & Analog Beamformers**.

MMRFIC has **9 global patents** granted and many more are in pipeline.

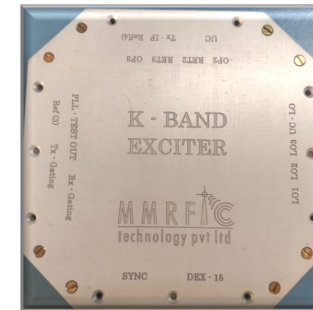
MMRFIC's is further expanding in **IC's Packaging design, Manufacture & Assembly**.



W-Band IC
2016-17



W Band LNA Module
(Single Function)
2017-18

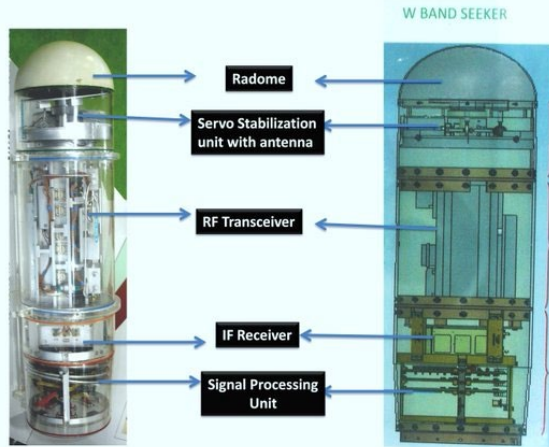


Exciter Module
(Multi Function)
2018-19



Complete Radar
2020-22

mmW – Seeker



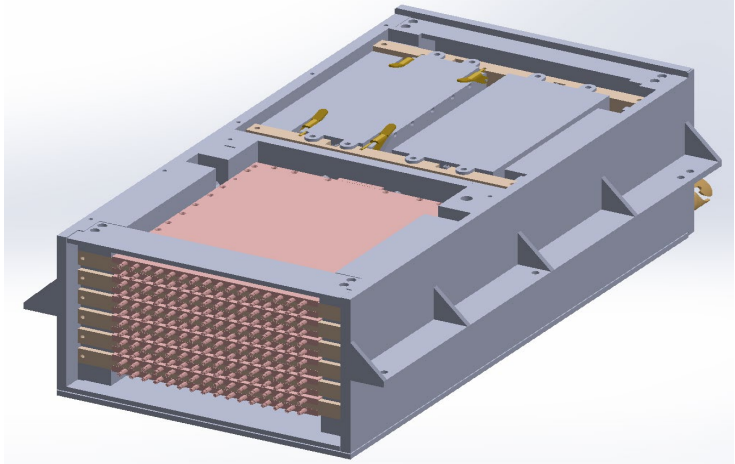
- › Small Size
- › High Resolution Radar
- › R&D : 2017
- › Prototype : 2020
- › Module PO : 2021-22
- › Production : 2024-26

Surveillance Radar



- › Small Size
- › High Resolution Radar
- › R&D : 2019-20
- › Prototype : 2021-22
- › 2 Additional Products
 - › **Drone Detection**
 - › **Altimeter**

Defence Radar



- › Wide Band Radar
- › Used for Sensing and Jamming
- › R&D : Ongoing
 - › Started : 2020



Saravana G

Founder, CEO & CTO

23+ yrs Exp

Ex-Texas Instruments



Ravi V

Co-founder & COO

20+ yrs Exp

Ex-Texas Instruments



Dharmendra Nayak

Manager-Business

Development & Hyderabad

Branch Head

15+ yrs Exp



Dr Sanjeev G

Engg-Director : AI/Software

18+ yrs Exp

PhD from IISc, Bangalore IEEE,
Senior Member



Prasad S

Engg-Director : Hardware

27+ yrs Exp

Ex D'gipro, WiwoTech IC
Package Design Expert



Sivakumar

Principal Staff – Mechanical
Design

30+ yrs Exp

Ex-DRDO



IEEE Bangalore – Technology Startup Of The Year 2019

Best Founding Team in Business World Unicorn Summit 2022

Recognized for its Business Model



Thank You

For more information please contact:

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Investor Relations Advisor:

SGA Strategic Growth Advisors

Strategic Growth Advisors Pvt Ltd.

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