

NEW

# EMARMOUR™ \* Ground Sense Operational Amplifiers / Comparators

Automotive, 125°C Operation, EMI Design Free

BA82904Yxxx-C, BA82902Yxxx-C, BA82903Yxxx-C, BA82901Yxx-C

\*EM(ElectroMagnetic)ARMOUR™ is a trademark of ROHM attached to products that are not easily affected by external noise.

**APEC**

## Features

- AEC-Q100 qualified
- High EMI immunity
- Pin-compatible with standard products

## Applications

- Engine control units
- Electric power steering
- Automotive electronics

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**ROHM**  
SEMICONDUCTOR

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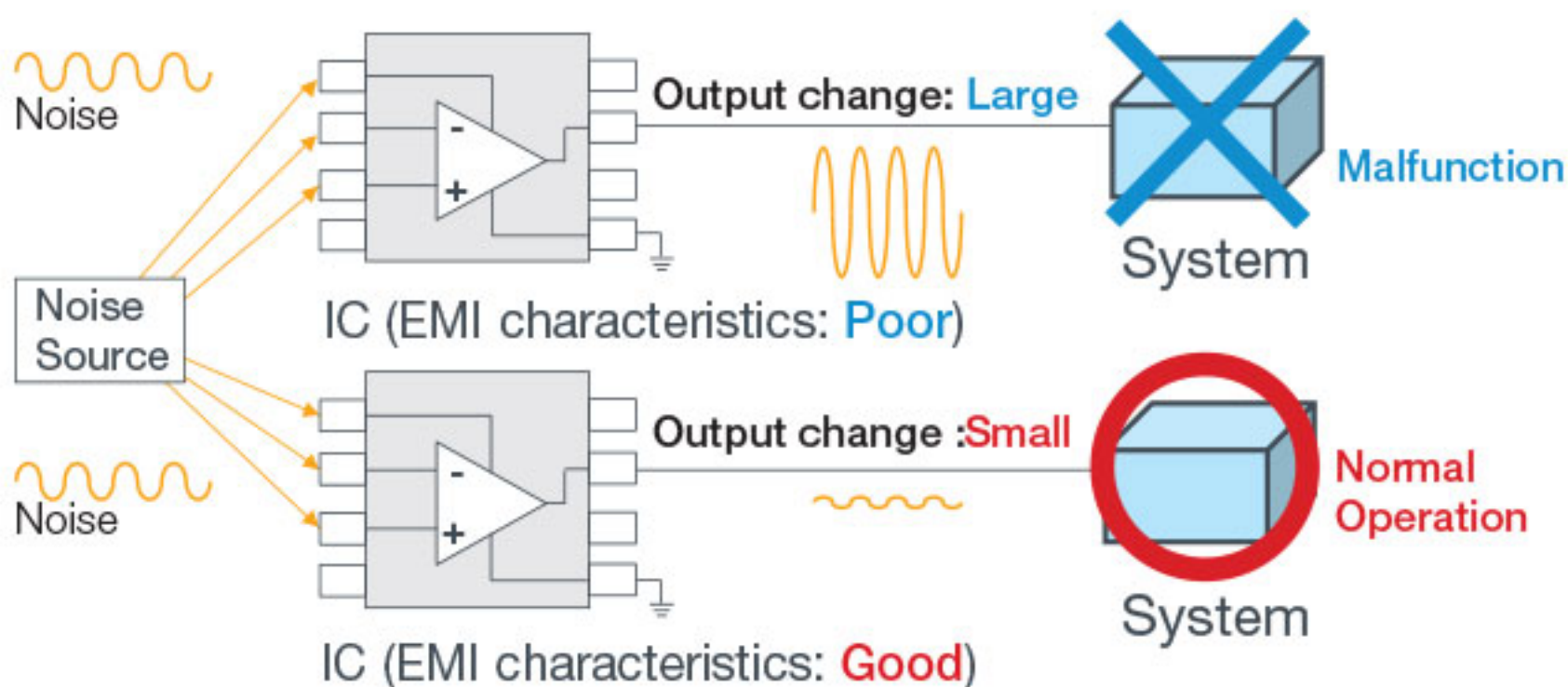
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## High EMI Tolerance





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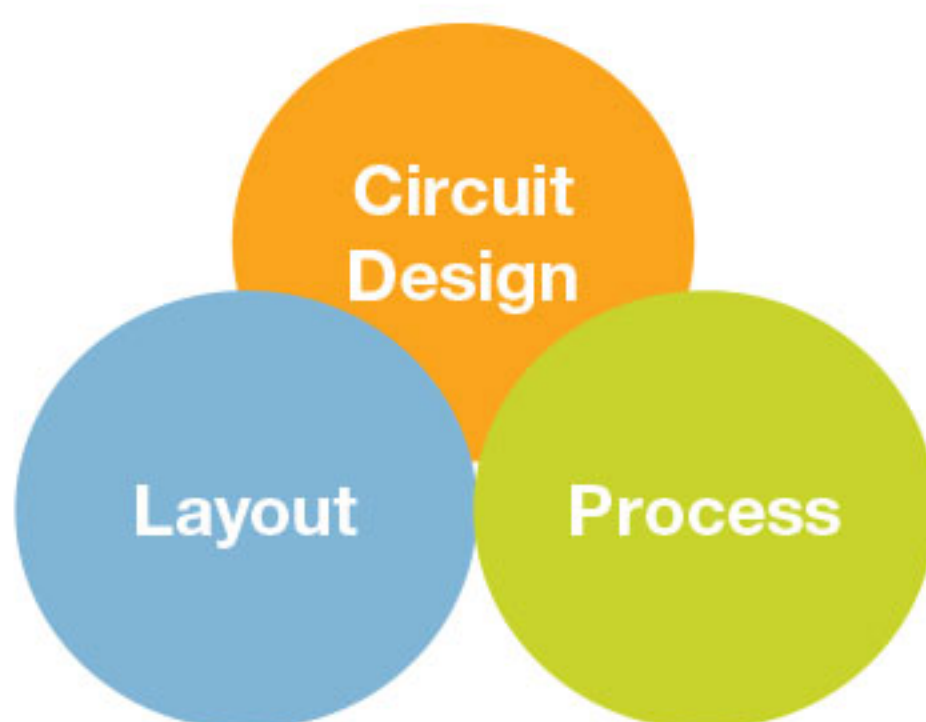
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## Combining 3 Analog Technologies



Optimizing circuit design, layout and process  
allow ROHM to achieve superior noise tolerance

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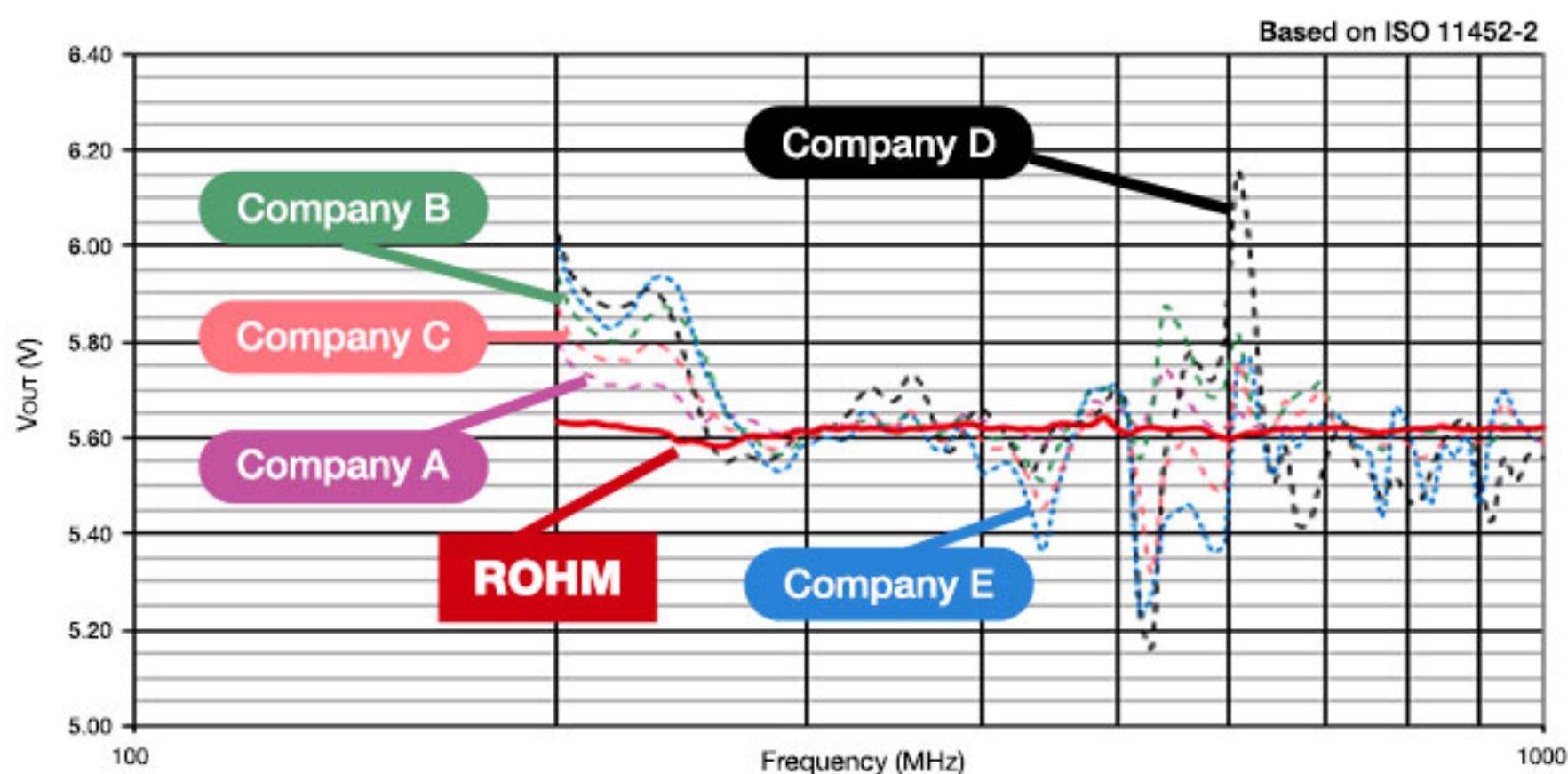
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## EMI Characteristics

Noise Frequency vs Output Voltage



**ROHM Product achieves  
overwhelming characteristics**

The above are measurement values of a typical single IC using a ROHM reference board and are not guaranteed.

Please conduct evaluations and design under actual operation condition.

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## Lineup

Operational Amplifiers		
Part No.	Ch	Package
BA82904YF-C	2ch	SOP8
BA82904YFVM-C		MSOP8
BA82902YF-C	4ch	SOP14
BA82902YFV-C		SSOP-B14
BA82902YFJ-C		SOP-J14
BA82902YFVJ-C		TSSOP-B14J

Comparators		
Part No.	Ch	Package
BA82903YF-C	2ch	SOP8
BA82903YFVM-C		MSOP8
BA82901YF-C	4ch	SOP14
BA82901YFV-C		SSOP-B14

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