



S32N55 Vehicle Super-Integration Processor

S32N55 NEW

Preproduction

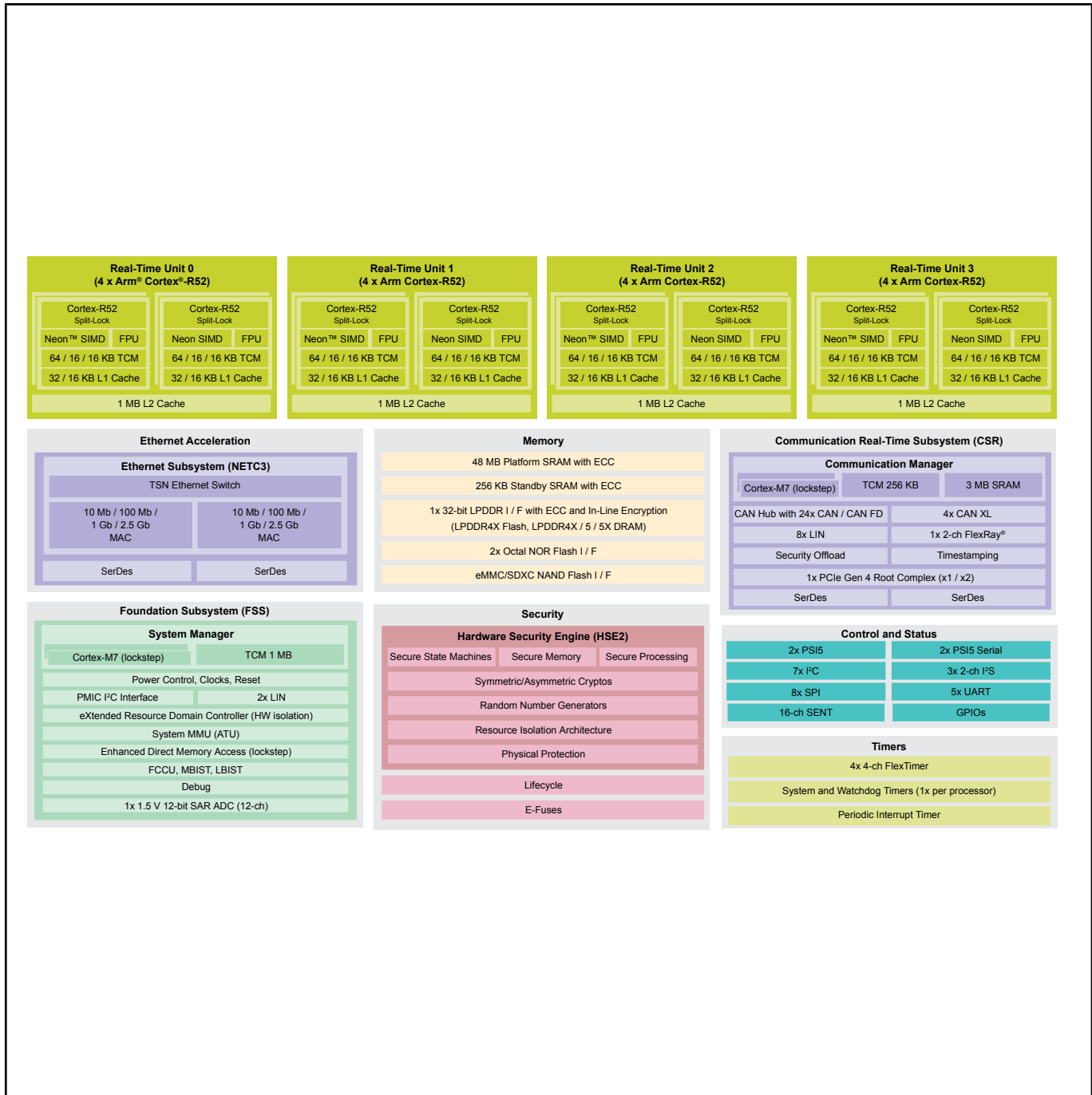
This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information [contact support](#) or your sales representative.

Last Updated: Apr 29, 2024

The S32N55 real-time super-integration processor accelerates the development of central vehicle controller applications in software-defined vehicle (SDV) architectures. It safely consolidates real-time vehicle control, management and services into a single system-on-chip solution.

The S32N55 processor combines high-performance real-time processing, a firewalled hardware security engine, an integrated multiport TSN Ethernet switch, extensive automotive communication interfaces and hardware isolation and virtualization for safe and secure integration of real-time vehicle functions.

S32N55 Product Features Block Diagram



View additional information for [S32N55 Vehicle Super-Integration Processor](#).

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.