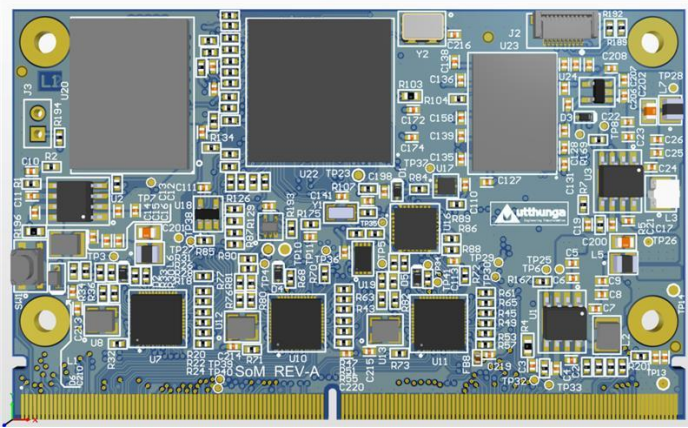


RZ/NID based SOM for Industrial Applications



Microprocessor featuring **5 Ethernet Ports and latest redundancy protocol** for industrial network master devices



Key Features:

- Arm® Cortex® - A7, maximum operating frequency 500 MHz
- Arm® Cortex® - M3, maximum operating frequency 125 MHz
- Built in eMMC storage
- Wired and wireless connectivity
- Secure wireless communication
- TPM v2.0 enabled
- Form factor: SMARC 2.1
- Targeted Certifications - CE, FCC, RoHS 3

Fieldbus Slave

EtherNet/IP

EtherCAT
Technology Group

PROFINET

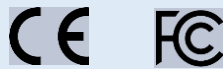
OPC UA

Fieldbus Master

EtherCAT
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PROFINET

Certifications



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Industrial Experience



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TECHNICAL SPECIFICATIONS

Processor	Arm® Cortex®-A7 Dual Core
RAM	1GB DDR3
Storage	4GB eMMC 16Mb Flash
Security	TPMv2.0
Ethernet	2 x 10/100Mbps Industrial Ethernet 3 x 1Gbps
OS	Linux-Yocto
Communications / Protocols	EtherCAT Profinet EtherNet/IP OPC UA
Power Source	18-32VDC
Aux Output	24VDC
Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C to 85°C
Humidity	90% RH
Certification and Compliance	CE, RoHS, FCC

PRODUCTS APPLICABLE



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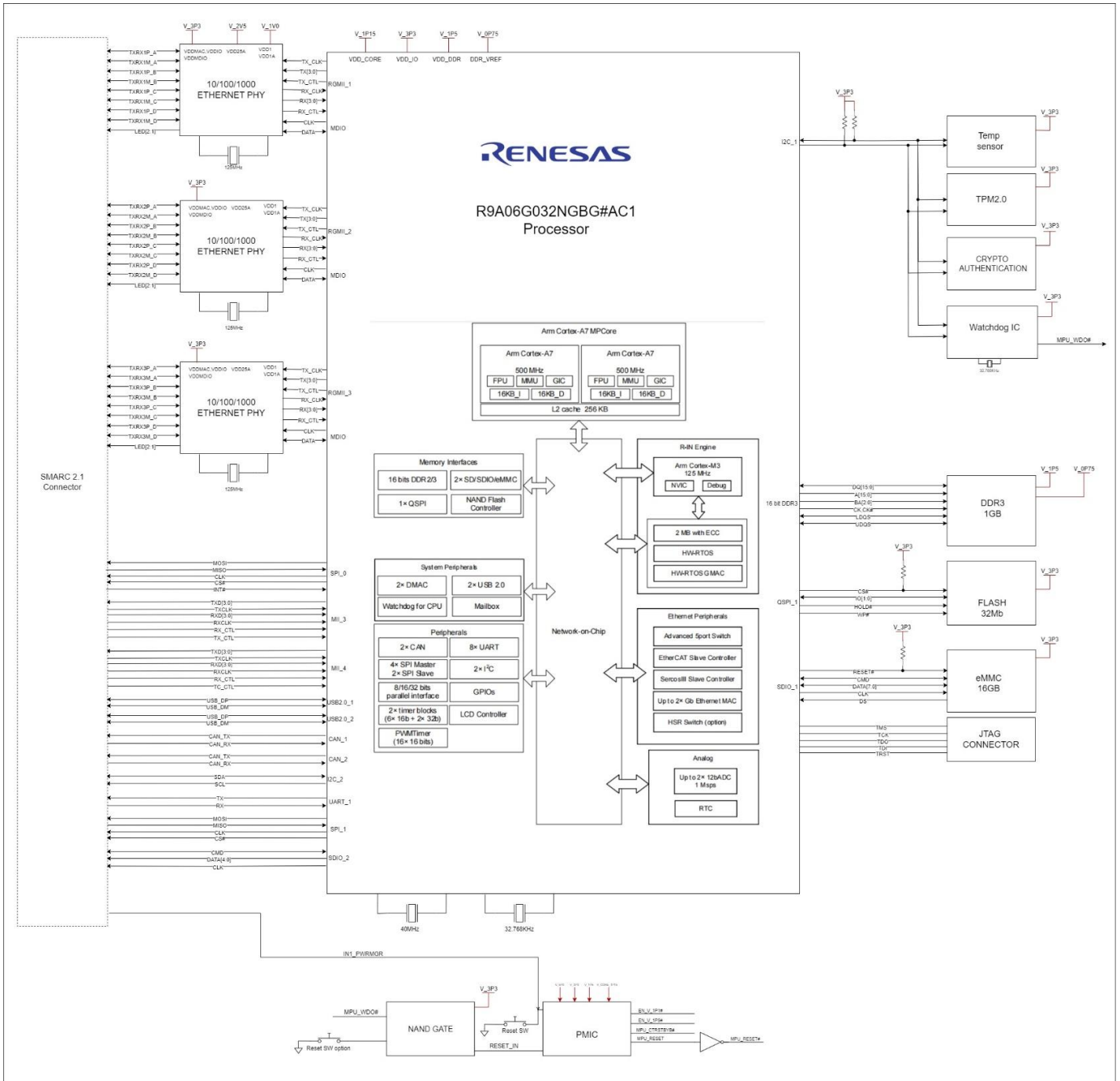


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