Variscite Pin2Pin Families

Two pin-compatible product families enable designing a single carrier board to support the full scalability of different ARM processors.

✔ Ultimate scalability
✔ Extended longevity
✔ Ease of development and integration
✔ Reduced time, cost and risk

VAR-SOM Pin2Pin Family

Size: 68mm width, 33-52mm height   Connectors: 200pin SO-DIMM

VAR-SOM-MX91
NXP i.MX 91
1x 1.4GHz Cortex-A55

VAR-SOM-AM62
TI AM625
4x 1.4GHz Cortex-A53

VAR-SOM-MX93
NXP i.MX 93
2x 1.7GHz Cortex-A55

VAR-SOM-MX8M-PLUS
NXP i.MX8M Plus
4x 1.8GHz Cortex-A53

VAR-SOM-MX8M-MINI
NXP i.MX8M Mini
4x 1.8GHz Cortex-A53

VAR-SOM-MX8M-NANO
NXP i.MX8M Nano
4x 1.5GHz Cortex-A53

VAR-SOM-MX8
NXP i.MX8 2x 1.6GHz
Cortex-A72 + 4x 1.2GHz
Cortex-A53

VAR-SOM-MX8X
NXP i.MX8X
4x 1.2GHz Cortex-A35

VAR-SOM-MX6
NXP i.MX6
4x 1.2GHz Cortex-A9

VAR-SOM-SOLO/DUAL
NXP i.MX6
2x 1GHz Cortex-A9

VAR-SOM-6UL
NXP i.MX6 UL/ULL/ULZ
900MHz Cortex-A7

DART Pin2Pin Family

Size: 55mm width, 30mm height;   Connectors: 3 x 90pin board-to-board

DART-MX95
NXP i.MX95
6x 2.0GHz Cortex-A55

DART-MX93
NXP i.MX93
2x 1.7GHz Cortex-A55

DART-MX91
NXP i.MX91
1x 1.4GHz Cortex-A55

DART-MX8M-PLUS
NXP i.MX8M Plus
4x 1.8GHz Cortex-A53

DART-MX8M
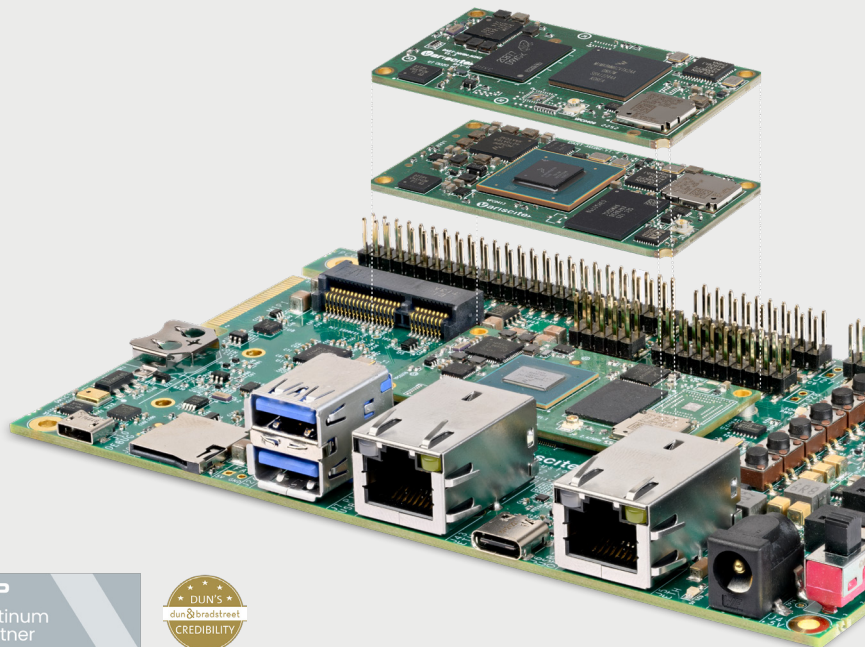NXP i.MX8M
4x 1.5GHz Cortex-A53

DART-MX8M-MINI
NXP i.MX8M Mini
4x 1.8GHz Cortex-A53

Why choose Variscite's System on Module?

✔ Free support from R&D engineers in your time zone

✔ Up to 15 years of longevity for hardware & software

✔ Shorter time-to-market and stable

✔ Rich ecosystem for a complete end-to-end

ISO 14001:2015   ISO 13485:2016   ISO 9001:2015   TEXAS INSTRUMENTS   NXP Platinum Partner   DUN'S dun&bradstreet CREDIBILITY

The Ultimate SoM Customization

Variscite offers the most diversified product portfolio with the widest range of configuration solutions for each SoM, providing the optimum spectrum of performance, feature-set, and cost. This allows our customers to optimize the platform to their end product's needs.

Highest Standards & quality

Our products meet the strictest regulatory requirements, including the ISO13485 medical standard so you can enjoy peace of mind, knowing you are developing on a solid foundation.

In-hous Manufactering

Variscite's internal production and extensive relationships with the component vendors guarantee control over manufacturing, stable lead times and consistent mass production quantities, alongside top quality.

About Variscite

Variscite is a leading System on Modules (SoM) design and manufacture company. A trusted provider of development and consulting services for a variety of embedded platforms. Variscite transforms clients' visions into successful products.

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