DART-MX8M Kits

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The DART-MX8M Development Kit and Starter Kit can serve as a complete development platform for both evaluation and application development purposes. The kits provide a great showcase of the DART-MX8M connectivity features and performance.

Specifications

Kit | Included SOM | Carrier Board | Block Diagram | Ordering Info

	Starter Kit	Development Kit
Included SOM	DART-MX8M	DART-MX8M
Included Carrier Board	VAR-DT8MCustomBoard	VAR-DT8MCustomBoard
Display		7" WVGA
Touch Panel		Capacitive
Micro-USB Debug Cable	✓	✓
Ethernet Cable		✓
5V Power Supply		✓
Antenna	✓	✓
Boot/Rescue SD Cards	✓	✓
Carrier Board Design Package	✓	✓
Camera Module	Optional – i.MX8 Camera Board	Optional – i.MX8 Camera Board
Part number	VAR-STK-DT8M	VAR-DVK-DT8M

Documentation

Reference Manuals

Board Schematics

📄 CustomBoard

Certifications

📄 RoHS I / II

📄 Product Datasheet (Rev 1.0)

📄 Quick Start Guide (Rev 1.2)

Schematics (Rev 1.2)

📄 REACH

📄 Conflict Minerals

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① **Product Specifications**	② **Personal Info**

System on Module

☐ DART-MX8M ☐ DART-6UL ☐ DART-MX6

☐ DART-SD410 ☐ VAR-SOM-MX6 ☐ VAR-SOM-MX7

☐ VAR-SOM-AM33 ☐ VAR-SOM-AM43 ☐ VAR-SOM-MX8
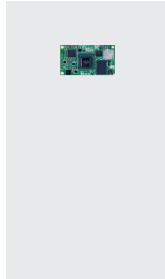
☐ SPEAR-MX8 ☐ VAR-SOM-SOLO/DUAL

Operating Systems

🐧 ⊞ 🤖 Other

Estimated Quantities

○ 1-100 ○ 100-500 ○ 500-1000

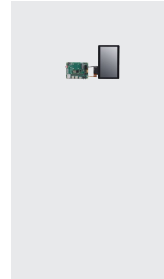○ 1000-3000 ○ 3000-5000 ○ >5000

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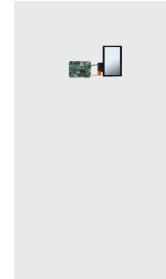

DART-MX8M : NXP i.MX8M
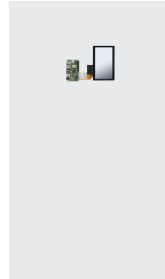
DART-6UL Kits

DART-MX6 Kits

DART-SD410 Kits

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