

Java Card

NXP JCOP Java Cards for integrators who load and manage their own applets. Select the exact chip, Java Card version and contact or dual interface to match your software and reader. For a quotation, specify quantity, printing, initialisation state and key-handover requirements. Confirm applet compatibility and delivery configuration with a sample before ordering a batch.

NXP JCOP generations: J2A040 to JCOP 4 P71

Part	JCOP / Java Card / GlobalPlatform	Interface	Memory	Notes
J2A040	JCOP 2.4.1, Java Card 2.2.2, GP 2.1.1	Contact	40 KB EEPROM	The classic developer card; widely used for OpenPGP, PIV and applet development. Often sold 'unfused'.
J3A040 / J3A080	JCOP 2.4.1, Java Card 2.2.2, GP 2.1.1	Dual (contact + ISO 14443A)	40 / 80 KB EEPROM	Same generation with a contactless antenna.
J3D081	JCOP 2.4.2, Java Card 3.0.1, GP 2.2.1	Dual	80 KB EEPROM	Adds Java Card 3 APIs; common for OpenPGP and PIV cards with NFC.
J3H081 / J3H145	JCOP 3, Java Card 3.0.4, GP 2.2.1	Dual	80 / 144 KB EEPROM	Faster crypto co-processor, larger memory; used for FIDO2, OATH and multi-applet cards.
J3R110 / J3R150 / J3R180 / J3R200	JCOP 4 P71, Java Card 3.0.5, GP 2.3	Dual	110 to 200 KB flash	Current generation on the P71 secure element (CC EAL6+ hardware); EMV and SecID variants, the cards described above.

Ordering

- Free standard samples; customised samples carry a setup fee.
- Standard lead time is 2–3 weeks.
- Quote-only pricing—send your quantity for a quotation.
- Printing, numbering and encoding options are available for the selected product and material.

Contact

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