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	Parts	Order	Package Type and Termination Count	Budgetary Price excluding tax(US\$)	Core: Type	Operating Frequency (Max) (MHz)	Core: Number of cores (Spec)	Cache (KB)	L2 Cache (Max) (kB)	Internal RAM (KB)	External Memory Supported	Video/Display features	External Storage Support	Serial Interface Type	Junction Operating Temperature (Max) (°C)	Junction Operating Temperature (Min) (°C)	Additional Features
i.MX6D	MCIMX6D4AVT08AD	N	FCPBGA 624	1000 @ US\$27.21 each	ARM Cortex A9	850	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D4AVT08ADR	N	FCPBGA 624	1000 @ US\$27.21 each	ARM Cortex A9	850	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D4AVT10AD	N	FCPBGA 624	1000 @ US\$31.30 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D4AVT10ADR	N	FCPBGA 624	1000 @ US\$31.30 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D5EYM10AD	Y	FCPBGA 624	1000 @ US\$23.67 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-20	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, LVDS
i.MX6D	MCIMX6D5EYM10ADR	N	FCPBGA 624	1000 @ US\$23.67 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-20	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, LVDS
i.MX6D	MCIMX6D5EYM12AD	N	FCPBGA 624	1000 @ US\$27.21 each	ARM Cortex A9	1200	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode,	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-20	Temperature Sensor, Tamper Detect,



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												HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1					SATA 2.0, PCIe 2.0 1x Lane, LVDS
i.MX6D	MCIMX6D6AVT08AD	N	FCPBGA 624	1000 @ US\$28.40 each	ARM Cortex A9	850	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D6AVT08ADR	N	FCPBGA 624	1000 @ US\$28.40 each	ARM Cortex A9	850	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D6AVT10AD	Y	FCPBGA 624	1000 @ US\$32.65 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6D	MCIMX6D6AVT10ADR	N	FCPBGA 624	1000 @ US\$32.65 each	ARM Cortex A9	1000	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1,	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS



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												OpenGL ES 2.0, OpenVG 1.1					
i.MX6D	MCIMX6D7CVT08AD	Y	FCPBGA 624	1000 @ US\$27.21 each	ARM Cortex A9	800	2	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, LVDS
i.MX6SL	MCIMX6L2DVN10AB	N	MAPBGA 432	1000 @ US\$8.36 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	95	0	Temperature Sensor
i.MX6SL	MCIMX6L2EVN10AB	N	MAPBGA 432	1000 @ US\$9.19 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	105	-40	Temperature Sensor
i.MX6SL	MCIMX6L2EVN10ABR	N	MAPBGA 432	-	-	-	-	-	-	-	-	-	-	-	-	-	-
i.MX6SL	MCIMX6L3DVN10AB	N	MAPBGA 432	1000 @ US\$8.73 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	95	0	Temperature Sensor
i.MX6SL	MCIMX6L3EVN10AB	Y	MAPBGA 432	1000 @ US\$9.60 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	105	-40	Temperature Sensor
i.MX6SL	MCIMX6L7DVN10AB	N	MAPBGA 432	1000 @ US\$9.02 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	95	0	Temperature Sensor
i.MX6SL	MCIMX6L8DVN10AB	Y	MAPBGA 432	1000 @ US\$9.49 each	ARM Cortex A9	1000	1	32	256	128	DDR3, LPDDR2	LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, USB, I2S, SSI, UART, Ethernet	95	0	Temperature Sensor
i.MX6SL	MCIMX6L8DVN10ABR	N	MAPBGA 432	-	-	-	-	-	-	-	-	-	-	-	-	-	-
i.MX6Q	MCIMX6Q4AVT08AD	N	FCPBGA 624	1000 @ US\$34.02 each	ARM Cortex A9	850	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6Q	MCIMX6Q4AVT08ADR	N	FCPBGA 624	1000 @ US\$34.02 each	ARM Cortex A9	850	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS



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												2.0, OpenGL ES 3.0, OpenVG 1.1					
i.MX6Q	MCIMX6Q4AVT10AD	N	FCPBGA 624	1000 @ US\$39.12 each	ARM Cortex A9	1000	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6Q	MCIMX6Q4AVT10ADR	N	FCPBGA 624	1000 @ US\$39.12 each	ARM Cortex A9	1000	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6Q	MCIMX6Q5EYM10AD	Y	FCPBGA 624	1000 @ US\$29.58 each	ARM Cortex A9	1000	4	32	1000	256	LPDDR2, FLASH, DDR3L, DDR3	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, CAN, Ethernet	105	-20	LVDS, PCIe 2.0 1x Lane, SATA 2.0, Tamper Detect, Temperature Sensor
i.MX6Q	MCIMX6Q5EYM10ADR	N	FCPBGA 624	1000 @ US\$29.58 each	ARM Cortex A9	1000	4	32	1000	256	LPDDR2, FLASH, DDR3L, DDR3	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, CAN, Ethernet	105	-20	LVDS, PCIe 2.0 1x Lane, SATA 2.0, Tamper Detect, Temperature Sensor
i.MX6Q	MCIMX6Q5EYM12AD	N	FCPBGA 624	1000 @ US\$34.02 each	ARM Cortex A9	1200	4	32	1000	256	LPDDR2, FLASH, DDR3L, DDR3	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0,	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, CAN, Ethernet	105	-20	LVDS, PCIe 2.0 1x Lane, SATA 2.0, Tamper Detect, Temperature Sensor



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i.MX6Q	MCIMX6Q6AVT08AD	N	FCPBGA 624	1000 @ US\$35.51 each	ARM Cortex A9	850	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	OpenGL ES 3.0, OpenVG 1.1 OpenVG 1.1, OpenGL ES 3.0, OpenGL ES 2.0, OpenGL ES 1.1, OpenCL, LCD Controller, Image Pre and Post Processor, HDMI 1.4, HD1080p Video Transcode, HD1080p Video Encode, HD1080p Video Decode	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, LVDS, MLB150 (Media Local Bus), PCIe 2.0 1x Lane
i.MX6Q	MCIMX6Q6AVT08ADR	N	FCPBGA 624	1000 @ US\$35.51 each	ARM Cortex A9	850	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	OpenVG 1.1, OpenGL ES 3.0, OpenGL ES 2.0, OpenGL ES 1.1, OpenCL, LCD Controller, Image Pre and Post Processor, HDMI 1.4, HD1080p Video Transcode, HD1080p Video Encode, HD1080p Video Decode	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, LVDS, MLB150 (Media Local Bus), PCIe 2.0 1x Lane
i.MX6Q	MCIMX6Q6AVT10AD	Y	FCPBGA 624	1000 @ US\$40.83 each	ARM Cortex A9	1000	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	OpenVG 1.1, OpenGL ES 3.0, OpenGL ES 2.0, OpenGL ES 1.1, OpenCL, LCD Controller, Image Pre and Post Processor, HDMI 1.4, HD1080p Video Transcode, HD1080p Video Encode, HD1080p Video Decode	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, LVDS, MLB150 (Media Local Bus), PCIe 2.0 1x Lane
i.MX6Q	MCIMX6Q6AVT10ADR	N	FCPBGA 624	1000 @ US\$40.83 each	ARM Cortex A9	1000	4	32	1000	256	DDR3, DDR3L, FLASH, LPDDR2	OpenVG 1.1, OpenGL ES 3.0, OpenGL ES 2.0, OpenGL ES 1.1, OpenCL, LCD Controller, Image Pre and Post Processor, HDMI 1.4, HD1080p Video Transcode, HD1080p Video Encode, HD1080p Video Decode	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, SATA 2.0, LVDS, MLB150 (Media Local Bus), PCIe 2.0 1x Lane



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i.MX6Q	MCIMX6Q7CVT08AD	Y	FCPBGA 624	1000 @ US\$34.02 each	ARM Cortex A9	800	4	32	1000	256	LPDDR2, FLASH, DDR3L, DDR3	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenCL, OpenGL ES 1.1, OpenGL ES 2.0, OpenGL ES 3.0, OpenVG 1.1	MMC, SD	eCSPI, I2C, UART, USB, I2S, ESAI, SDIO, Ethernet, CAN	105	-40	LVDS, PCIe 2.0 1x Lane, SATA 2.0, Tamper Detect, Temperature Sensor
i.MX6S	MCIMX6S1AVM08AC	N	MAPBGA 624	1000 @ US\$14.04 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S1AVM08ACR	N	MAPBGA 624	1000 @ US\$14.04 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S4AVM08AC	N	MAPBGA 624	1000 @ US\$14.68 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S4AVM08ACR	N	MAPBGA 624	1000 @ US\$14.68 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S5DVM10AC	N	MAPBGA 624	1000 @ US\$12.76 each	ARM Cortex A9	1000	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6S	MCIMX6S5DVM10ACR	N	MAPBGA 624	1000 @ US\$12.76 each	ARM Cortex A9	1000	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS



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												1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1					
i.MX6S	MCIMX6S5EVM10AC	Y	MAPBGA 624	1000 @ US\$14.04 each	ARM Cortex A9	1000	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	105	-20	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6S	MCIMX6S5EVM10ACR N		MAPBGA 624	1000 @ US\$14.04 each	ARM Cortex A9	1000	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	105	-20	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6S	MCIMX6S6AVM08AC	Y	MAPBGA 624	1000 @ US\$15.31 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S6AVM08ACR N		MAPBGA 624	1000 @ US\$15.31 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6S	MCIMX6S7CVM08AC	Y	MAPBGA 624	1000 @ US\$14.68 each	ARM Cortex A9	800	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	105	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS



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	Parts	Order	Package Type and Termination Count	Budgetary Price excluding tax(US\$)	Core: Type	Operating Frequency (Max) (MHz)	Core: Number of cores (Spec)	Cache (KB)	L2 Cache (Max) (kB)	Internal RAM (KB)	External Memory Supported	Video/Display features	External Storage Support	Serial Interface Type	Junction Operating Temperature (Max) (°C)	Junction Operating Temperature (Min) (°C)	Additional Features
												1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1					
i.MX6S	MCIMX6S8DVM10AC	Y	MAPBGA 624	1000 @ US\$13.40 each	ARM Cortex A9	1000	1	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	E-paper Display, HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, CAN, Ethernet	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6DL	MCIMX6U1AVM08AC	N	MAPBGA 624	1000 @ US\$17.55 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6DL	MCIMX6U1AVM08ACR	N	MAPBGA 624	1000 @ US\$17.55 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6DL	MCIMX6U4AVM08AC	N	MAPBGA 624	1000 @ US\$18.35 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6DL	MCIMX6U4AVM08ACR	N	MAPBGA 624	1000 @ US\$18.35 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6DL	MCIMX6U5DVM10AC	N	MAPBGA 624	1000 @ US\$15.95 each	ARM Cortex A9	1000	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS



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i.MX6DL	MCIMX6U5DVM10ACR	N	MAPBGA 624	1000 @ US\$15.95 each	ARM Cortex A9	1000	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6DL	MCIMX6U5EVM10AC	Y	MAPBGA 624	1000 @ US\$17.55 each	ARM Cortex A9	1000	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-20	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6DL	MCIMX6U5EVM10ACR	N	MAPBGA 624	1000 @ US\$17.55 each	ARM Cortex A9	1000	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-20	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6DL	MCIMX6U6AVM08AC	Y	MAPBGA 624	1000 @ US\$19.15 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS
i.MX6DL	MCIMX6U6AVM08ACR	N	MAPBGA 624	1000 @ US\$19.15 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	125	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, MLB150 (Media Local Bus), LVDS



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i.MX6DL	MCIMX6U7CVM08AC	Y	MAPBGA 624	1000 @ US\$18.35 each	ARM Cortex A9	800	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	105	-40	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS
i.MX6DL	MCIMX6U8DVM10AC	Y	MAPBGA 624	1000 @ US\$16.75 each	ARM Cortex A9	1000	2	32	512	128	DDR3, DDR3L, FLASH, LPDDR2	E-paper Display, HD1080p Video Decode, HD1080p Video Encode, HD1080p Video Transcode, HDMI 1.4, Image Pre and Post Processor, LCD Controller, OpenGL ES 1.1, OpenGL ES 2.0, OpenVG 1.1	MMC, SD	SDIO, eCSPI, I2C, UART, USB, I2S, ESAI, Ethernet, CAN	95	0	Temperature Sensor, Tamper Detect, PCIe 2.0 1x Lane, LVDS