



P/N	CPU	Clock (MHz)	SRAM (KB)	FLASH (KB)	Touch Keys	Active Proximity Sense	LED	GPIO	LIN UART	LIN PHY	CAN FD UART	I2C	SPI	UART	LumiBus™	Tone/Melody	Temp Sense	Analog Comparators	Timers	ADC	DAC	PWM	LDO	AEC-Q100	Package
32-bit MCU																									
IS3xCS9201	RISC-V	32	8	64	27	•		28	•			M/S	M/S	2	S	•		4	3	•	•	•		•	WQFN-24, WQFN-32, TSSOP-20
IS3xCS9202	ARM M0+	50	16	256	39	•		42	•		•	M/S	M/S	2	M	•		4	4	•	•	•		•	QFN-48, LQFP-48
IS3xCS9208	ARM M0+	50	16	256	39	•		42	•		•	M/S	M/S	2	M	•		4	3	•	•	•		•	WQFN-32/48
IS3xCS9310	RISC-V	32	32	256	16	•	8x12	35	•			M/S	M/S	2		•		3	3	•	•	•		•	eLQFP-64

8-bit MCU																									
IS3xCS8974A	1T 8051	25	2	32	19	•		20	•			M/2S	M/S	2		•			6			•		•	QFN-24
IS3xCS8975	1T 8051	32	1	16	11			12	•			M/S	M/S	2		•	•	4	6	•	•	•		•	SOP-8, TSSOP-16, QFN-16
IS32CS8976	1T 8051	32	1	16	9			10	•	•		M/S	M/S	1		•	•	2	6	•	•	•		•	eTSSOP-24
IS3xCS8977	1T 8051	32	2	64	27	•		28	•			M/S	M/S	2		•	•	4	6	•	•	•		•	TSSOP-20/24/28, QFN-32, LQFP-32
IS32CS8978	1T 8051	32	2	64	20	•		20	•	•		M/S	M/S	2		•	•	4	6	•	•	•	•	•	WQFN-40
IS3xCS8979	1T 8051	32	2	64	8	•	18	9	•			M/S	M/S	2		•	•	4	6	•	•	•		•	QFN-40

Capacitive Touch/Proximity Sensors											
P/N	Keys/ Channels	Self-cap	Mutual-cap/ APS	Shield	Buzzer/ Melody	Auto Sleep/ Wake	Configurable GPIO	Multi-Key	Press and Hold	AEC-Q100	Package
IS3xSE5117B	16	•		•	•	•	•	•	•	•	QFN-24
IS3xSE5118A	8	•		•	•	•		•	•	•	TSSOP-16, QFN-16
IS3xSE5120A	24	•		•	•	•	•	•	•	•	QFN-32

MPU										
P/N	XBurst® MIPS-Based CPU	Co-Processor	Security Processor	On-Chip RAM	Multimedia	Camera Interface	Display Interface	Memory Inter- face	Comm Interface	Package
X2000	Dual-core 1.2GHz		XBurst® 240MHz	128MB LPDDR3	H.264 Coding & Decoding, 2 ISPs, Audio CODEC	Up to 3 cameras, MIPI-CSI, DVP	MIPI-DSI, SLCD, RGB	SFC, eMMC	USB 2.0, RMII, GPIO, UART, I2C, SSI	BGA-270
X2600N	Dual-core 1.2GHz	RISC-V 600MHz	XBurst® 300MHz	128MB DDR3 (L)	H.264 Decoding, Audio CODEC	DVP	MIPI-DSI, LVDS, SLCD, RGB	SFC, eMMC	USB 2.0, RMII, GPIO, UART, I2C, SSI	BGA-209
X2600E	Dual-core 1.2GHz	RISC-V 600MHz	XBurst® 300MHz	256MB DDR3 (L)	H.264 Decoding, Audio CODEC	DVP	MIPI-DSI, LVDS, SLCD, RGB	SFC, eMMC	USB 2.0, RMII, GPIO, UART, I2C, SSI	BGA-209
X2600H	Dual-core 1.2GHz	RISC-V 600MHz	XBurst® 300MHz	512MB DDR3 (L)	H.264 Decoding, Audio CODEC	DVP	MIPI-DSI, LVDS, SLCD, RGB	SFC, eMMC	USB 2.0, RMII, GPIO, UART, I2C, SSI	BGA-209
X2670N	Dual-core 1.2GHz	RISC-V 600MHz	XBurst® 300MHz	128MB DDR3 (L)	H264 Decoding, JPEG, 2D graphics engine, Audio CODEC		MIPI-DSI, LVDS, RGB, SPI	SPI, SD/MMC/SDIO, eMMC	USB 2.0, GPIO, UART, I2C, SPI, CAN	QFN-128

Industrial Grade P/N's are IS31xxxxxx
Automotive Grade P/N's are IS32xxxxxx

If P/N is shown as IS3xFLxxxx then both Industrial and Automotive are offered.

 Soon to be released

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