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	Parts	Order	Budgetary Price excluding tax(US\$)	HW dev. tools	Core: Type	Floating Point Unit	Operating Frequency (Max) (MHz)	On-chip SRAM (KB)	Total Flash (KB)	DMA (ch)	UART	SPI	I2C	GPIOs	ADC	DAC	16-bit PWM (ch)	16-bit Timer (ch)	32-bit Timer (ch)	Other analog blocks	Security	VDD (min)	VDD (max) (V)	Package type	Pin count	Package dimension (WxLxH) (mm3)	Pin pitch (mm)	Ambient Operating Temperature (Min-Max) (°C)
KV1x	MKV10Z128VFM7		10000 @ US\$1.26 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x1.23	0.5	-40 to 105
KV1x	MKV10Z128VLF7		10000 @ US\$1.39 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.4	0.5	-40 to 105
KV1x	MKV10Z128VLY7		10000 @ US\$1.52 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	54	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.4	0.5	-40 to 105
KV1x	MKV10Z16VFM7		10000 @ US\$1.18 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	16	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x0.9	0.5	-40 to 105
KV1x	MKV10Z16VLO7		10000 @ US\$1.18 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	16	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	LQFP	32	7x7x1.4	0.8	-40 to 105
KV1x	MKV10Z16VLR7		10000 @ US\$1.27 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	16	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.6	0.55	-40 to 105
KV1x	MKV10Z32VFM7		10000 @ US\$1.27 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	32	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x0.9	0.5	-40 to 105
KV1x	MKV10Z32VLO7		10000 @ US\$1.27 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	32	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	LQFP	32	7x7x1.4	0.8	-40 to 105
KV1x	MKV10Z32VLO7R		10000 @ US\$1.27 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	32	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	LQFP	32	7x7x1.4	0.8	-40 to 105
KV1x	MKV10Z32VLF7		10000 @ US\$1.37 each	TWR-KV10Z32, HVP-KV10Z32	ARM Cortex-M0+	-	75	8	32	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	10	11	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.6	0.55	-40 to 105
KV1x	MKV10Z64VFM7		10000 @ US\$1.15 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x1.23	0.5	-40 to 105



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KV1x	MKV10Z64VLF7		10000 @ US\$1.30 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.4	0.5	-40 to 105
KV1x	MKV10Z64VLH7		10000 @ US\$1.44 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	54	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.4	0.5	-40 to 105
KV1x	MKV11Z128VFM7		10000 @ US\$1.30 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x1.23	0.5	-40 to 105
KV1x	MKV11Z128VLF7		10000 @ US\$1.43 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.4	0.5	-40 to 105
KV1x	MKV11Z128VLH7		10000 @ US\$1.56 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	128	4	2	1	1	54	16-bit (SAR) x 2	12-bit x 1	20	21	-	VREF, Comparator	CRC	1.71	3.6	LQFP	64	10x10x1.4	0.5	-40 to 105
KV1x	MKV11Z64VFM7		10000 @ US\$1.20 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	28	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x1.23	0.5	-40 to 105
KV1x	MKV11Z64VLF7		10000 @ US\$1.35 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	40	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	48	7x7x1.4	0.5	-40 to 105
KV1x	MKV11Z64VLH7		10000 @ US\$1.49 each	FRDM-KV11Z, TWR-KV11Z75M	ARM Cortex-M0+	-	75	-	64	4	2	1	1	54	16-bit (SAR) x 2	12-bit x 1	20	21	-	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.4	0.5	-40 to 105
KV3x	MKV30F128VFM10		10000 @ US\$1.84 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	16	128	4	2	1	1	26	16-bit (SAR) x 2	12-bit x 1	10	11	4	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x0.9	0.5	-40 to 105
KV3x	MKV30F128VLH10		10000 @ US\$2.08 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	16	128	4	2	1	1	46	16-bit (SAR) x 2	12-bit x 1	10	11	4	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.6	0.5	-40 to 105



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KV3x	MKV30F64VFWH10		10000 @ US\$1.59 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	16	64	4	2	1	1	26	16-bit (SAR) x 2	12-bit x 1	10	11	4	Comparator, VREF	CRC	1.71	3.6	QFN	32	5x5x0.9	0.5	-40 to 105
KV3x	MKV30F64VLFH10		10000 @ US\$1.82 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	16	64	4	2	1	1	46	16-bit (SAR) x 2	12-bit x 1	10	11	4	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.6	0.5	-40 to 105
KV3x	MKV31F128VLFH10		10000 @ US\$2.27 each	TWR-KV31F120M, FRDM-KV31F, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	24	128	4	4	2	2	46	16-bit (SAR) x 2	12-bit x 1	12	13	4	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.6	0.5	-40 to 105
KV3x	MKV31F128VLY10		10000 @ US\$2.44 each	TWR-KV31F120M, FRDM-KV31F, HVP-KV31F120M	ARM Cortex-M4	Single Precision	100	24	128	4	4	2	2	70	16-bit (SAR) x 2	12-bit x 1	12	13	4	Comparator, VREF	CRC	1.71	3.6	LQFP	100	14x14x1.7	0.5	-40 to 105
KV3x	MKV31F256VLY12		10000 @ US\$2.74 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	120	48	256	16	4	2	2	46	16-bit (SAR) x 2	12-bit x 1	12	13	4	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.6	0.5	-40 to 105
KV3x	MKV31F256VLY12		10000 @ US\$2.91 each	TWR-KV31F120M, FRDM-KV31F, HVP-KV31F120M	ARM Cortex-M4	Single Precision	120	48	256	16	4	2	2	70	16-bit (SAR) x 2	12-bit x 1	12	13	4	Comparator, VREF	CRC	1.71	3.6	LQFP	100	14x14x1.7	0.5	-40 to 105
KV3x	MKV31F512VLY12		10000 @ US\$3.54 each	FRDM-KV31F, TWR-KV31F120M, HVP-KV31F120M	ARM Cortex-M4	Single Precision	120	96	512	16	4	2	2	46	16-bit (SAR) x 2	12-bit x 2	20	21	4	Comparator, VREF	CRC	1.71	3.6	LQFP	64	10x10x1.6	0.5	-40 to 105
KV3x	MKV31F512VLY12		10000 @ US\$3.70 each	TWR-KV31F120M, FRDM-KV31F,	ARM Cortex-M4	Single Precision	120	96	512	16	4	2	2	70	16-bit (SAR) x 2	12-bit x 2	20	21	4	Comparator, VREF	CRC	1.71	3.6	LQFP	100	14x14x1.7	0.5	-40 to 105



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				HVP-KV31F120M																								