

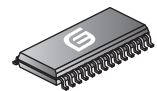
TEXAS INSTRUMENTS Dev Kits and Microcontrollers



Products may be RoHS compliant. Check mouser.com for RoHS status.

STELLARIS™ FAMILY OF ARM® CORTEX-M3™ MICROCONTROLLERS

The Stellaris family of microcontrollers incorporates the ARM Cortex-M3 MCU core running up to 50MHz, embedded Flash and SRAM, a low-dropout voltage regulator, integrated brown-out reset and power-on reset functions, analog comparators, 10-bit ADC, SSI, GPIOs, watchdog and general purpose timers, UARTs, IC, motion control PWMs, and quadrature encoder inputs.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Flash (KB)	SRAM (KB)	UARTs	GPIOs	SSI	I2C	Analog Comparators	Watchdog Timer	General-Purpose Timer	LDO Voltage Regulator	PWM	CCP	Operating Temperature	Price Each		
															1	25	100
868-LM3S608-IQN50	LM3S608-IQN50-C2	32	8	2	5-28	1	1	1	1	4	Yes	-	6	-40°C to 85°C	4.92	4.50	3.60
868-LM3S811-IQN50	LM3S811-IQN50-C2	64	8	2	1-32	1	1	1	1	4	Yes	6	6	-40°C to 85°C	6.05	5.63	5.08
868-LM3S818-IQN50	LM3S818-IQN50-C2	64	8	2	0-30	1	-	1	1	4	Yes	6	4	-40°C to 85°C	6.05	5.63	5.08
595-LM3S1P51-IBZ80C5	LM3S1P51-IBZ80-C5	64	24	3	0-67	2	2	16	2	5	Yes	6	8	-40°C to 85°C	6.93	6.45	4.38
868-LM3S6537-IQC50	LM3S6537-IQC50-A2	96	64	2	6-41	1	1	2	1	5	Yes	1	6	-40°C to 85°C	7.94	7.77	7.50
868-LM3S6432-IQC50	LM3S6432-IQC50-A2	96	32	2	14-43	1	1	2	1	4	Yes	2	4	-40°C to 85°C	10.04	9.60	7.29
868-LM3S1607-IQR50	LM3S1607-IQR50-A0	128	32	3	0-33	1	2	0	1	4	Yes	0	6	-40°C to 85°C	4.34	4.22	4.10
595-LM3S9L71-IQC80C5	LM3S9L71-IQC80-C5	128	48	3	0-72	2	2	2	2	5	Yes	6	8	-40°C to 85°C	11.13	10.63	7.99
868-LM3S3748-IQC50	LM3S3748-IQC50-A0	128	64	2	3-61	2	2	2	1	5	Yes	8	8	-40°C to 85°C	9.77	9.34	7.01
868-LM3S5749-IQC50	LM3S5749-IQC50-A0	128	64	2	0-61	2	2	2	1	5	Yes	8	5	-40°C to 85°C	9.97	9.52	7.15
595-LM3S5R31-IBZ80C5	LM3S5R31-IBZ80-C5	256	48	3	0-67	2	2	2	2	5	Yes	8	8	-40°C to 85°C	10.34	9.66	6.53
595-LM3S5R36-IQR80C5	LM3S5R36-IQR80-C5	256	48	3	0-33	2	2	2	1	5	Yes	8	8	-40°C to 85°C	10.34	8.46	6.53
868-LM3S8971-IQC50	LM3S8971-IQC50-A2	256	64	1	4-38	1	-	1	2	5	Yes	6	6	-40°C to 85°C	12.39	11.84	8.89
868-LM3S1918-IQC50	LM3S1918-IQC50-A2	256	64	2	17-52	2	2	2	2	1	Yes	-	8	-40°C to 85°C	9.56	8.91	8.13
868-LM3S6918-IQC50	LM3S6918-IQC50-A2	256	64	2	5-38	2	2	1	1	5	Yes	6	2	-40°C to 85°C	11.29	10.78	8.19
868-LM3S8962-IQC50	LM3S8962-IQC50-A2	256	64	2	5-42	1	1	1	1	5	Yes	6	2	-40°C to 85°C	12.33	11.79	8.96
868-LM3S1958-IQC50	LM3S1958-IQC50-A2	256	64	3	21-52	2	2	-	1	5	Yes	-	8	-40°C to 85°C	9.68	9.02	6.11
868-LM3S1968-IQC50	LM3S1968-IQC50-A2	256	64	3	5-52	2	2	3	1	5	Yes	6	4	-40°C to 85°C	10.12	9.43	8.51
868-LM3S2965-IQC50	LM3S2965-IQC50-A2	256	64	3	3-56	2	2	3	1	5	Yes	6	6	-40°C to 85°C	10.11	9.42	8.56
868-LM3S6911-IQC50	LM3S6911-IQC50-A2	256	64	3	10-46	2	2	1	1	5	Yes	-	6	-40°C to 85°C	11.09	10.60	8.06
868-LM3S6965-IQC50	LM3S6965-IQC50-A2	256	64	3	0-42	1	2	2	1	5	Yes	6	4	-40°C to 85°C	13.29	12.70	9.65
595-LM3S5G51-IQC80A2	LM3S5G51-IQC80-A2	384	64	3	0-67	2	2	2	2	5	Yes	6	8	-40°C to 85°C	9.49	9.22	8.96
595-LM3S9U81-IQC80A2	LM3S9U81-IQC80-A2	384	96	3	0-65	2	2	3	2	5	Yes	-	8	-40°C to 85°C	12.94	12.58	12.22
595-LM3S9U96-IQC80A2	LM3S9U96-IQC80-A2	384	96	3	0-65	2	2	3	2	2	Yes	8	8	-40°C to 85°C	12.35	12.01	11.67
595-LM3S5C56-IQR80A2	LM3S5C56-IQR80-A2	512	64	3	0-63	2	2	2	2	5	Yes	6	8	-40°C to 85°C	9.71	9.44	9.17
595-LM3S9C97-IQC80A2	LM3S9C97-IQC80-A2	512	64	3	0-60	2	2	2	2	5	Yes	6	8	-40°C to 85°C	12.50	12.15	11.81
595-LM3S9D90-IQC80A2	LM3S9D90-IQC80-A2	512	96	3	0-60	2	2	3	2	5	Yes	-	8	-40°C to 85°C	12.50	12.15	11.81
595-LM3S9D92-IQC80A2	LM3S9D92-IQC80-A2	512	96	3	0-65	2	2	3	2	5	Yes	8	8	-40°C to 85°C	12.87	12.25	11.63
595-LM3S9D96-IBZ80A2	LM3S9D96-IBZ80-A2	512	96	3	0-65	2	2	3	2	5	Yes	8	8	-40°C to 85°C	14.56	14.15	13.75
595-LM3S9DN6-IQC80A2	LM3S9DN6-IQC80-A2	512	96	3	0-72	2	2	3	2	4	Yes	8	8	-40°C to 85°C	12.43	12.08	11.74

STELLARIS™ EVALUATION KITS, REFERENCE DESIGN KITS, AND MODULES

Features:

- Fully functional evaluation versions of microcontroller toolsets from ARM/Keil, CodeSourcery (GNU), Code Red Technologies and IAR
- Everything needed to develop and prototype embedded applications right out of the box, including all cables, jumpers, and power over USB
- All boards can be used as booster packs for the MSP430 and Stellaris Launch pads



For quantities greater than listed, call for quote.

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MOUSER STOCK NO.	TI Part No.	Description	Price Each	MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-DK-EM2-2560B	DK-EM2-2560B	Tempest Full-Featured Development Kit	197.13	595-EKS-LM3S1968	EKS-LM3S1968	Stellaris LM3S1968 Evaluation Kit	58.45
595-DK-LM3S9B96-FPGA	DK-LM3S9B96-FPGA	Add-on Board for DK-LM3S9B96	199.00	595-EKS-LM3S2965	EKS-LM3S2965	Stellaris LM3S2965 Evaluation Kit	78.26
595-DK-LM3S9B96-FS8	DK-LM3S9B96-FS8	Add-on Board for DK-LM3S9B96	58.45	595-EKS-LM3S3748	EKS-LM3S3748	Stellaris LM3S3748 Evaluation Kit	107.97
595-DK-LM3S9B96-EM2	DM-LM3S9B96-EM2	Stellaris LM3S9B96 Development Kit	38.64	595-EKS-LM3S6965	EKS-LM3S6965	Stellaris LM3S6965 Evaluation Kit	68.35
595-DK-LM4F-DRV8312	DK-LM4F-DRV8312	Motor Control Kit	287.50	595-EKS-LM3S811	EKS-LM3S811	Stellaris LM3S811 Evaluation Kit	48.55
595-EK-LM4F120XL	EK-LM4F120XL	Stellaris LM4F120 LaunchPad Evaluation Board	5.86	595-EKS-LM3S8962	EKS-LM3S8962	Stellaris LM3S8962 Evaluation Kit	88.17
595-EKB-UCOS3-BNDL	EKB-UCOS3-BNDL	EvalBot Kit + μC/Os-III Book Bundle	197.13	595-EKS-LM4F232	EKS-LM4F232	Stellaris LM4F232 Evaluation Board	131.87
595-EKB-UCOS3-EVM	EKB-UCOS3-EVM	Board for MCU, DSP and Microprocessors	147.60	868-EKT-EVALBOT	EKT-EVALBOT	Eval Kit/Robot w/ Code Red Technologies Tools	147.60
595-EKC-EVALBOT	EKC-EVALBOT	Eval Kit/Robot with CodeSourcery Tools	147.60	868-EKT-LM3S1968	EKT-LM3S1968	Stellaris LM3S1968 Eval Kit; Code Red Technologies	57.30
868-EKC-LM3S3748	EKC-LM3S3748	USB H/D Eval Kit; CodeSourcery G++ GNU	105.86	868-EKT-LM3S6965	EKT-LM3S6965	Ethernet Eval Kit; Code Red Technologies	67.02
868-EKC-LM3S6965	EKC-LM3S6965	Ethernet Eval Kit; CodeSourcery G++ GNU	67.02	868-EKT-LM3S811	EKT-LM3S811	Stellaris LM3S811 Eval Kit; Code Red Technologies	47.60
868-EKC-LM3S811	EKC-LM3S811	LM3S811 Eval Kit; CodeSourcery G++ GNU	47.60	868-EKT-LM3S8962	EKT-LM3S8962	Ethernet-CAN Eval Kit; Code Red Technologies	86.44
595-EKI-EVALBOT	EKI-EVALBOT	Evaluation Kit/Robot with IAR Tools	147.60	868-MDL-ADA2	MDL-ADA2	JTAG Adapter Module Circuit Board 10 Pin	17.70
868-EKI-LM3S1968	EKI-LM3S1968	LM3S1968 Eval Kit; IAR Systems	57.30	868-MDL-IDM	MDL-IDM	Intelligent Display Module (single unit)	193.27
868-EKI-LM3S2965	EKI-LM3S2965	CAN Eval Kit; IAR Systems	76.72	868-MDL-IDM-L35	MDL-IDM-L35	3.5 Stellaris Intelligent Display Module	179.66
868-EKI-LM3S3748	EKI-LM3S3748	USB Host/Device Eval Kit; IAR Systems	105.86	595-MDL-LM3S818CNCND	MDL-LM3S818CNCND	Stellaris LM3S818 Microcontroller	43.37
868-EKI-LM3S6965	EKI-LM3S6965	Ethernet Eval Kit; IAR Systems	67.02	595-MDL-LM4F211CNCND	MDL-LM4F211CNCND	Stellaris LM4F211 ControlCARD Module	49.00
868-EKI-LM3S811	EKI-LM3S811	LM3S811 Eval Kit; IAR Systems	47.60	868-MDL-S2E	MDL-S2E	Serial-to-Ethernet Module (single unit)	47.60
868-EKI-LM3S8962	EKI-LM3S8962	Ethernet+CAN Eval Kit; IAR Systems	86.44	868-RDK-ACIM	RDK-ACIM	AC Induction Motor Reference Design Kit	368.07
595-EKI-LM4F232	EKI-LM4F232	Stellaris LM4F232 Evaluation Board	131.87	868-RDK-BLDC	RDK-BLDC	Brushless DC Motor Control RDK	212.69
595-EKK-EVALBOT	EKK-EVALBOT	Evaluation Kit/Robot with Keil Tools	147.60	868-RDK-IDM	RDK-IDM	2.8" QVGA Intelligent Display Ref. Kit	212.69
868-EKK-LM3S1968	EKK-LM3S1968	LM3S1968 Eval Kit; Keil RealView	57.30	868-RDK-IDM-L35	RDK-IDM-L35	3.5 Stellaris Intelligent Display Kit	212.69
868-EKK-LM3S6965	EKK-LM3S6965	Ethernet Eval Kit; Keil RealView	67.02	868-RDK-IDM-SBC	RDK-IDM-SBC	Single Board Computer Ref. Design Kit	290.38
868-EKK-LM3S811	EKK-LM3S811	LM3S811 Eval Kit; Keil RealView	47.60	868-RDK-S2E	RDK-S2E	Serial-to-Ethernet Reference Design Kit	134.99
868-EKK-LM3S8962	EKK-LM3S8962	Ethernet+CAN Eval Kit; Keil RealView	86.44	868-RDK-STEPPER	RDK-STEPPER	Stepper Motor Reference Design Kit	193.27
595-EKK-LM4F232	EKK-LM4F232	ARM LM4F232 Evaluation Board	131.87	981-EDB-BLE	EDB-BLE	Bluetooth Low energy dev. board (BT 4.0)	49.99
595-EKS-EVALBOT	EKS-EVALBOT	Evaluation Kit/Robot w/ Code Composer Studio	147.60	981-EDB-BT	EDB-BT	Bluetooth development board	49.99

PICCOLO™ DEVELOPMENT TOOLS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-TMDSHVRESLLCKIT	TMDSHVRESLLCKIT	Developer's Kit is designed to show users how to quickly implement a digitally controlled Resonant LLC topology DC/DC converter	415.36
595-DRV8312-C2-KIT	DRV8312-C2-KIT	Evaluation kit for spinning three-phase brushless DC (BLDC) and brushless AC (BLAC) motors	310.48
595-DRV8301-RM48-KIT	DRV8301-RM48-KIT	Evaluation kit for spinning three-phase brushless DC (BLDC) and brushless AC (BLAC) motors	623.75
595-DRV8301-LS31-KIT	DRV8301-LS31-KIT	Evaluation kit for spinning three-phase brushless DC (BLDC) and brushless AC (BLAC) motors	623.75
595-MSP-CNCD-FR5739	MSP-CNCD-FR5739	FRAM control card module for 3-phase brushless DC motors	65.33
595-TMDXRM48CNCND	TMDXRM48CNCND	RM48 Hercules Safety MCU controlCARD	132.00
595-TMDX570LS31CNCND	TMDX570LS31CNCND	TMS570LS31 Hercules Safety MCU controlCARD	132.00

F28X PICCOLO™ SERIES MICROCONTROLLERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Peak MMACS	Freq. (MHz)	RAM (KB)	OTP ROM (KB)	Flash (KB)	PWM	CAP/QEP	ADC	I2C	UART	SPI	Timers	Price Each			
															1	25	100	250
595-TMS320F28027PTT	TMS320F28027PTT	LQFP-48	60	60	12	2	64	8	1/0	1 12 bit	1	1 SCI	1	3 32-bit GP, 1 WD	6.93	5.67	4.38	4.10
595-TMS320F28035PAGS	TMS320F28035PAGS	TQFP-64	60	60	20	2	128	12	1/1	1 12 bit	1	1 SCI	1	3 32-bit GP, 1 WD	7.65	7.43	7.22	6.66
595-TMS320F28035PNS	TMS320F28035PNS	LQFP-80	60	60	20	2	128	14	1/1	1 12 bit	1	1 SCI	2	3 32-bit GP, 1 WD	7.94	7.72	7.50	6.92
595-TMS320F28069PNT	TMS320F28069PNT	LQFP-80	80	80	100	2	256	19	7/2	1 12 bit	1	1 SCI	2	3 32-bit GP, 1 WD	13.36	12.64	10.53	10.12

