

MCU (Arm Cortex-M33)

Part Number	Package	Max Speed (MHz)	Flash (Byte)	SRAM (Byte)	I/O	GPTM (16bit)	12bit ADC Units (CHs)	12bit DAC Units	Cap.Touch Key
ER2C-3000-G(H)					up to 80	4			
GD32W515PIQ6	QFN56	180	2048K	448K	up to 43	4	1(9)	0	12
GD32W515P0Q6	QFN56	180	0K	448K	up to 43	4	1(9)	0	12
GD32W515TIQ6	QFN36	180	2048K	448K	up to 25	3	1(5)	0	7
GD32W515TGQ6	QFN36	180	1024K	384K	up to 25	3	1(5)	0	7
GD32E503CCT6	LQFP48	180	256K	96K	up to 37	3	3(10)	2	0
GD32E503CET6	LQFP48	180	512K	128K	up to 37	9	3(10)	2	0
GD32E503RCT6	LQFP64	180	256K	96K	up to 51	3	3(16)	2	0
GD32E503RET6	LQFP64	180	512K	128K	up to 51	9	3(16)	2	0
GD32E503VCT6	LQFP100	180	256K	96K	up to 80	3	3(16)	2	0
GD32E503VET6	LQFP100	180	512K	128K	up to 80	9	3(16)	2	0
GD32E503ZCT6	LQFP144	180	256K	96K	up to 112	3	3(21)	2	0
GD32E503ZET6	LQFP144	180	512K	128K	up to 112	9	3(21)	2	0
GD32E505RBT6	LQFP64	180	128K	80K	up to 51	3	2(16)	2	0
GD32E505RCT6	LQFP64	180	256K	96K	up to 51	3	2(16)	2	0
GD32E505RET6	LQFP64	180	512K	128K	up to 51	9	2(16)	2	0
GD32E505VCT6	LQFP100	180	256K	96K	up to 80	3	2(16)	2	0
GD32E505VET6	LQFP100	180	512K	128K	up to 80	9	2(16)	2	0
GD32E505ZCT6	LQFP144	180	256K	96K	up to 112	3	2(16)	2	0

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GD32E505ZET6	LQFP144	180	512K	128K	up to 112	9	2(16)	2	0
GD32E507RCT6	LQFP64	180	256K	96K	up to 51	3	2(16)	2	0
GD32E507RET6	LQFP64	180	512K	128K	up to 51	9	2(16)	2	0
GD32E507VCT6	LQFP100	180	256K	96K	up to 80	3	2(16)	2	0
GD32E507VET6	LQFP100	180	512K	128K	up to 80	9	2(16)	2	0
GD32E507ZCT6	LQFP144	180	256K	96K	up to 112	3	2(16)	2	0
GD32E507ZET6	LQFP144	180	512K	128K	up to 112	9	2(16)	2	0
GD32E508RET6	LQFP64	180	512K	128K	up to 51	9	2(16)	2	0
GD32E508VET6	LQFP100	180	512K	128K	up to 80	9	2(16)	2	0
GD32E508ZET6	LQFP144	180	512K	128K	up to 112	9	2(16)	2	0
GD32EPRTRDT6	LQFP64	180	384K	96K+4MB PSRAM	up to 51	3	3(16)	2	0
GD32EPRTVDT6	LQFP100	180	384K	96K+4MB PSRAM	up to 80	3	3(16)	2	0
GD32A503KBU3	QFN32	100	128K	24K	up to 27	1	2(12)	1	0
GD32A503KCU3	QFN32	100	256K	32K	up to 27	1	2(12)	1	0
GD32A503CBT3	LQFP48	100	128K	24K	up to 42	1	2(20)	1	0
GD32A503CCT3	LQFP48	100	256K	32K	up to 42	1	2(20)	1	0
GD32A503RBT3	LQFP64	100	128K	24K	up to 57	1	2(27)	1	0
GD32A503RCT3	LQFP64	100	256K	32K	up to 57	1	2(27)	1	0
GD32A503RDT3	LQFP64	100	384K	48K	up to 57	1	2(27)	1	0

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GD32A503VBT3	LQFP100	100	128K	24K	up to 88	1	2(32)	1	0
GD32A503VCT3	LQFP100	100	256K	32K	up to 88	1	2(32)	1	0
GD32A503VDT3	LQFP100	100	384K	48K	up to 88	1	2(32)	1	0