

Micron® Memory Support for Ambarella™ Platforms

Save yourself time and money—Micron memory comes **validated** on Ambarella platforms

Micron DRAM & Flash	Automotive	Drones	IP Cameras/Surveillance	Consumer	Product	LPDDR4/x	NAND + LPDDR3 MCP	eMMC 5.1 + LPDDR3 eMCP	LPDDR3	LPDDR2	DDR3L	e.MMC	SLC NAND	SPI NAND	SPI NOR
					Family	MT53	MT29U	MT29T	MT52	MT42	MT41K/MT41J	MTFC	MT29F	MT29F	MT25Q
					Voltage (Core)	1.1V	1.2V		1.2V	1.2V	1.35V	1.8V	1.8V	1.8V	1.8V, 3V
					Speed	2133 MHz	30 MB/s, 933 MHz	1066 MHz	up to 1066 MHz	533 MHz	666–800 MHz	125–533 MHz	30 MB/s	30 MB/s	166 MHz
					Width	x32, x64	x8, x32	x8, x32	x32, x64	x32	x16	x8	x8	x1, x2, x4	x1, x4
					Density	8Gb	4Gb NAND+ 8Gb LPDDR3	16GB eMMC + 16Gb LPDDR3	8Gb–32Gb	4Gb, 8Gb	1Gb–8Gb	8GB–16GB	1Gb–8Gb	1Gb–4Gb	128Mb–2Gb
Ambarella Platforms	■	■	■		CV2	Ⓟ							Ⓟ	Ⓟ	
	■	■	■	■	CV22	Ⓟ							Ⓟ	Ⓟ	
	■				CV1	✓						✓	✓	✓	✓
	■	■		■	H22	✓		✓	✓		✓	✓	✓ ¹		✓
		■		■	H2				✓		✓	✓	✓ ¹		✓
	■	■		■	H12						✓	✓	✓ ¹		
			■		S5				✓		✓	✓	✓		
			■		S5L				✓		✓	Ⓟ	✓ ¹		
			■		S3L		✓		✓		✓	✓	✓ ¹		✓
			■		S3				✓		✓	✓	✓ ¹		
			■		S2L		✓		✓		✓	✓	✓ ¹		✓
			■		S2		✓		✓		✓	✓	✓ ¹		
	■				A9AQ						✓	✓	✓ ¹		✓
■				A12AQ						✓		✓ ¹			
	■		■	A9S		✓		✓	✓	✓	✓	✓ ¹			
■	■		■	A12		✓		✓	✓	✓	✓				

Please verify exact configuration and specification with your Ambarella or Micron representative.

1. MT29F devices with 2K page support

2. x1, x2, x4 SPI NAND

Ⓟ = Pending validation

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