

# Micron® Memory Support for Ambarella™ Platforms

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

Micron DRAM & Flash		LPDDR4	NAND + LPDDR3 MCP	LPDDR3	LPDDR2	DDR3L	e.MMC	SLC NAND	SPI NOR	
	Family	MT53	MT29U	MT52	MT42	MT41K/MT41J	MTFC	MT29F <sup>1</sup>	MT25Q	
	Voltage (Core)	1.1V	1.2V	1.2V	1.2V	1.35V	1.8V	1.8V	1.8V, 3V	
	Speed	1600 MHz	30 MB/s, 933 MHz	933 MHz	533 MHz	666–800 MHz	125–533 MHz	30 MB/s	up to 166 MHz	
	Width	x32, x64	x8, x32	x32, x64	x32	x16	x8	x8	x1, x4	
	Density	8Gb	4Gb NAND+8Gb LPDDR3	8Gb, 16Gb, 24Gb, 32Gb	4Gb, 8Gb	1Gb, 2Gb, 4Gb, 8Gb	8GB	1Gb, 2Gb, 4Gb	128Mb-2Gb	
Ambarella Platforms	IP Cameras									
	S5			Ⓟ		✓	✓	✓		
	S3L		✓	✓		✓	✓	✓	✓	
	S3			✓		✓	✓	✓		
	S2L		✓	✓		✓	✓	✓	✓	
	S2		✓	✓		✓	✓	✓		
	Automotive Cameras									
	A9AQ					✓	✓	✓	✓	
	CV1	✓					Ⓟ	Ⓟ <sup>2</sup>	Ⓟ	
	Flying, Sports & Wearable Cameras									
	H22	✓		✓			✓	✓	✓	✓
	H2			✓			✓	✓	✓	✓
	H12						✓	✓	✓	
	A9S		✓	✓		✓	✓	✓	✓	
A12		✓	✓		✓	✓	✓			

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

1. MT29F devices with 2K page support (M79A/M68A/M69A/M60A).

2. x1, x2, x4 SPI NAND

Ⓟ = Pending validation.

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