

# Micron® DRAM & Flash Memory Support for Ambarella™ Platforms

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

Micron DRAM & Flash	Product	LPDDR4	NAND + LPDDR3 MCP	LPDDR3	LPDDR2	DDR4	DDR3L	e.MMC	SLC NAND	SPI NOR	
	Family	<b>MT53</b>	<b>MT29U</b>	<b>MT52</b>	<b>MT42</b>	<b>MT40A</b>	<b>MT41K/MT41J</b>	<b>MTFC</b>	<b>MT29F<sup>1</sup></b>	<b>MT25Q</b>	
	Voltage (Core)	1.1V	1.2V	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	1200 MHz	666–800 MHz	125–533 MHz	30 MB/s	up to 166 MHz	
	Width	x32, x64	x8, x32	x32, x64	x32	x16	x16	x8	x8	x1, x4	
	Density	8Gb	4Gb NAND+8Gb LPDDR3	8Gb, 16Gb, 24Gb, 32Gb	4Gb, 8Gb	4Gb, 8Gb	1Gb, 2Gb, 4Gb, 8Gb	8GB	1Gb, 2Gb, 4Gb	128Mb-2Gb	
Ambarella Platforms	<i>IP Cameras</i>										
	S5			P			✓	✓	✓		
	S3L		✓	✓			✓	✓	✓	✓	
	S3			✓			✓	✓	✓		
	S2L		✓	✓			✓	✓	✓	✓	
	S2		✓	✓			✓	✓	✓		
	<i>Automotive Cameras</i>										
	A9AQ							✓	P	✓	✓
	<i>Flying, Sports &amp; Wearable Cameras</i>										
	H3	P						P			
	H22	P			P			P	P	✓	✓
	H2				✓			P	✓	✓	✓
	H12							P	✓	P	
	H1				✓		✓	✓	✓	P	
A9S			✓	✓	✓		✓		✓		
A12			✓	✓	✓		✓	✓			
A7L					✓		✓		✓		

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

1. MT29F devices with 2K page support (M79A1M68A1M69A1M60A).

P = Pending validation.

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