

STM32 GUI Silicon portfolio



Series	Frequency	Graphics acceleration & optimizer	Display interfaces	Supported Resolutions	Packages
STM32G0 <u>Arm-Cortex-M0</u>	64 MHz	-	SPI	Up to 480*272	QFP, CSP
STM32C0 <u>Arm-Cortex-M0+</u>	48 MHz	-	SPI	Up to 320*240	CSP, SON, TSSOP, QFP
STM32U0 <u>Arm-Cortex-M0+</u>	56 MHz	-	SPI	Up to 320*240	QFP, BGA, CSP
STM32WB <u>Arm-Cortex-M4</u>	64 MHz	-	SPI	Up to 480*272	QFP, BGA, CSP
STM32F4 <u>Arm-Cortex-M4</u>	180 MHz	Chrom-ART	Parallel SPI	Up to 1024*768	QFP, BGA, CSP
STM32F7 <u>Arm-Cortex-M7</u>	216 MHz	Chrom-ART MJPEG	RGB-TFT MIPI-DSI	Up to 1024*768	QFP, BGA, CSP
STM32L4 <u>Arm-Cortex-M4</u>	80 MHz	Chrom-ART	Parallel SPI	Up to 240*480	QFP, BGA, CSP
STM32L4+ <u>Arm-Cortex-M4</u>	120 MHz	Chrom-ART Chrom-GRC	RGB-TFT MIPI-DSI	Up to 450*450	QFP, BGA, CSP
STM32H5 <u>Arm-Cortex-M33</u>	250 MHz	-	Parallel SPI	Up to 240*240	QFP, BGA, CSP
STM32U5 <u>Arm-Cortex-M33</u>	160 MHz	Chrom-ART Chrom-GRC Neochrom GPU Neochrom VG GPU	RGB-TFT MIPI-DSI	Up to 800*480	WL CSP, DIE
STM32H7 <u>Arm-Cortex-M7</u> <u>Arm-Cortex-M4</u>	600 MHz	Chrom-ART Chrom-GRC MJPEG Neochrom GPU	RGB-TFT MIPI-DSI	Up to 1024*768	QFP, BGA, CSP, QFN
STM32N6 <u>Arm-Cortex-M55</u>	800 MHz	Chrom-ART Chrom-GRC Neochrom GPU MJPEG	RGB-TFT	Up to 1280*720	BGA
STM32MP1 <u>Arm-Cortex-A7</u> <u>Arm-Cortex-M4</u>	800 MHz – 1 GHz	3D Graphic PU	MIPI-DSI	Up to 1366*768	BGA
STM32MP2 <u>Arm-Cortex-A35</u> <u>Arm-Cortex-M33</u>	1.2GHz - 1.5 GHz	GPU/NPU	LVDS/HDMI MIPI-DSI	1920*1080 Full HD	BGA

 Latest-gen products

Updated: December 10th 2024