



# MCU Solutions That Enable an Intelligent World

Holtek provides flexible and diversified MCU solutions and has high competitive price and service to assist customers with strong competitive advantage to easily implement intelligent applications.

**HOLTEK SEMICONDUCTOR INC.**



# HT32 MCU Lineup for Wide Application Ranges

Choosing a proper 32-bit MCU for your product application should focus not only on performance, but also on power consumption, package type, tooling, and cost. From the energy-efficient M0+ core series to the higher performing M3 core series, Holtek offers a wide range of flexible 32-bit MCU choices to meet your 32-bit application needs.

	16 KB	32 KB	64 KB	128 KB	256 KB	
<b>5V</b> <b>16 MHz</b> <b>HT32F500xx</b>	HT32F50020	HT32F50030				General Purpose
<b>5V</b> <b>20 MHz</b> <b>HT32F502xx</b>	HT32F50220	HT32F50230 HT32F50231	HT32F50241			
<b>5V</b> <b>60 MHz</b> <b>HT32F504xx</b>			HT32F50442	HT32F50452		
<b>3.3V</b> <b>40 MHz</b> <b>HT32F522xx</b>	HT32F52220	HT32F52230 HT32F52231	HT32F52241 HT32F52243	HT32F52253		
<b>3.3V USB</b> <b>48 MHz</b> <b>HT32F523xx</b>		HT32F52331	HT32F52341 HT32F52342	HT32F52352		USB
<b>3.3V USB</b> <b>60 MHz</b> <b>HT32F523xx</b>			HT32F52344	HT32F52354 HT32F52357	HT32F52367	
<b>5V USB</b> <b>60 MHz</b> <b>HT32F503xx</b>			HT32F50343			
<b>3.3V LCD</b> <b>60 MHz</b> <b>HT32F573xx</b>		HT32F57331	HT32F57341 HT32F57342	HT32F57352		LCD
<b>5V Touch</b> <b>60 MHz</b> <b>HT32F542xx</b>		HT32F54231	HT32F54241 HT32F54243	HT32F54253		Touch
<b>5V CAN</b> <b>60 MHz</b> <b>HT32F532xx</b>			HT32F53242	HT32F53252		CAN
<b>3.3V</b> <b>72 MHz</b> <b>HT32F123xx</b>					HT32F12364	General Purpose
<b>3.3V</b> <b>96 MHz</b> <b>HT32F123xx</b>			HT32F12345		HT32F12365 HT32F12366	

Cortex®-M0+

Cortex®-M3