





Espressif's Host MCU Options for ACK

		ESP32-C3 Series		ESP32 Series	
		ESP32-C3	ESP32-C3FN4	ESP32-D0WD-V3	ESP32-U4WDH
					
Memory	SRAM (KB)	400		520	
	ROM (KB)	384		448	
	RTC SRAM (KB)	8		16	
	Flash (MB)	Customer to Choose	4	Customer to Choose	4
Peripherals	ADC	2*12-bit ADC, 6 Channels		2*12-bit ADC, 18 Channels	
	DAC	0		2*8-bit DAC	
	Capacitive Touch	0		10	
	Temp Sensor	1		1	
	GPIO	22		34	
	UART	2		3	
	SPI	3		4	
	SDIO HOST	0		1	
	SDIO SLAVE	0		1	
	I2C	1		2	
	I2S	1		2	
	RMT	1*4 Channels		1*8 Channels	
	LED PWM	1*6 Channels		2*8 Channels	
	MCPWM	0		2	
	Hall	0		1	
	Ethernet	0		1	
	TWAL	1		1	
	JTAG	YES		YES	
Camera	N/A		1*DVP 8/16-bit		
Required External Components / BOM		<ul style="list-style-type: none"> • Crystal • Flash • Resistors & Capacitors & Inductors 	<ul style="list-style-type: none"> • Crystal • Resistors & Capacitors & Inductors 	<ul style="list-style-type: none"> • Crystal • Flash • Resistors & Capacitors & Inductors 	<ul style="list-style-type: none"> • Crystal • Resistors & Capacitors & Inductors