

MB = Microva BASIC Programmable Devices

	MB100	MB101	MB102	MB103	MB104	MB108	MB114	MB122	MB123	MB124	MB127	MB128	MB129	MB130	MB141	MB150	MB160	MB161	MB162	MB181	MB310	MB400	MB401	MB402	MB411	MB420	MB421				
INPUTS	analog 0-10V							2		2																					
	analog 4-20mA							2		2	1	2	2																		
	thermocouple														1																
	temperature/humidity																														
	millivolt										1																				
	resistive sensor											1		1	2																
	conductivity sensor													1																	
	volts/pH/ORP											1																			
	contact switch/keypad								2													3	3	3							
	touch screen																								1						
	optoisolator																			8	4										
	pulse rate/counter																			4											
OUTPUTS	analog 4-20mA						4	2		2																					
	audio																								1	1					
	open collector							2																							
	relays				4	8			2	2					1																
	external LEDs	2																													
	stepper motor driver																				1										
OTHER	display resolution X																					160	160	160	320	800	800				
	display resolution Y																					128	128	128	240	600	600				
	non-volatile vars																														
	MX connector																			1			1			1	1	2			
	ML connector																		1		1	1	1	1	1	1	1				
	SD card file I/O																					1	1	1	1	1	1				
	RS-485/Modbus RTU	1	1			1	1	1	1	1	1	1	1	1	1	1			1	1	1		1	1	1	1					
	RS-232				1												1														
	USB	1			1													1				1						1			
	laser range sensor															1															
	SMPS (2)		1			1	1	1	1	1	1	1	1	1	1	1			1	1	1		1	1	1	1					
	battery charger		1																												
	clock/calendar																														

1. Analog inputs shown in **RED** are isolated from the V+/V- power supply.
 2. SMPS = switch mode power supply (typically 6V to 30V input range).

MICROVA
electronics & automation

ML = Microva ML Port I2C Devices

[illegible]

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