

MKBot 3.1	Motherboard	Trial	Power	CNY70
A0		Potentiometer, LDR	LCD (datos)	
A1		Analog Input (Vcc, GND, A1)	LCD (datos)	
A2		Switch (pull-up)	LCD (datos)	
A3		Switch (pull-up)	LCD (datos)	
A4		Switch (pull-up)	LCD (RS)	
A5		Switch (pull-up)	LCD (enable)	
A6	OSC2 (clock)			
A7	No	No	No	No
B0		LED_red, Display 7seg	Sensor ANA/DIG (Vcc, GND, B0)	CNY70 (par-0)
B1		LED_red, Display 7seg	Sensor ANA/DIG (Vcc, GND, B1)	CNY70 (impar-0)
B2		LED_red, Display 7seg	Sensor ANA/DIG (Vcc, GND, B2)	CNY70 (par-1)
B3		LED_red, Display 7seg	Sensor ANA/DIG (Vcc, GND, B3)	CNY70 (impar-1)
B4		LED_red, Display 7seg	Sensor ANA/DIG (Vcc, GND, B4)	CNY70 (par-2)
B5		LED_red, Display 7seg	Sensor DIG (Vcc, GND, B5)	CNY70 (impar-2)
B6	PICKIT (PGC)	LED_red, Display 7seg	Motor1 (direction)	
B7	PICKIT (PGD)	Button (pull-up), Interrupt (Vcc, GND, B7)	Motor2 (direction)	
C0	Bootloader (button)			
C1		Buzzer (PWM), Analog output (Vcc, GND, C1)	Servo1 (PWM), Motor1 (enable)	
C2		LED_BLUE (PWM)	Servo2 (PWM), Motor2 (enable)	
C3	No	No	No	No
C4	USB (D-, VM)			
C5	USB (D+, VP)			
C6	LED_RED	Serial (Tx)	Serial (Tx)	
C7		Serial (Rx)	Serial (Rx)	