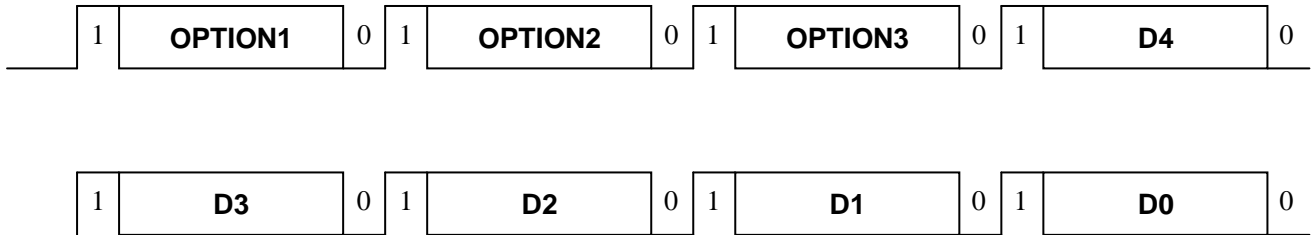
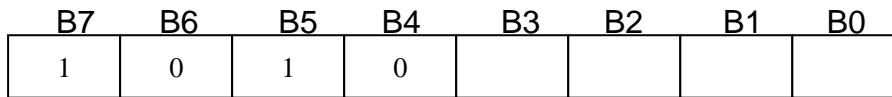


MS8050 Data Transmitted Format:



Each group data is made up of 8 bytes, transmitted baud rate is 2400, even parity bit, 8 data bits and 1 start bit, 1 stop bit.

1. OPTION1byte:



B7-B4: is a start marker of a set of data, serve as 1010.

B3-B0	0000	0001	0010	0011	0100	0101	0110
ACV	5.0000V	50.000V	500.00V	5000.0V			
dBm	500.00dBm						
DCV	5.0000V	50.000V	500.00V	5000.0V			
DCV+ACV	5.0000V	50.000V	500.00V	5000.0V			
DCmV		50.000mV	500.00mV				
ACmV		50.000mV	500.00mV				
DCV+ACV		50.000mV	500.00mV				
Hz	50.000Hz	500.00Hz	5.0000kHz	50.000kHz	500.00kHz	5.0000MHz	50.000MHz
Duty	500.00%						
ohm	500.00Ω	5.0000kΩ	50.000kΩ	500.00kΩ	5.0000MΩ	50.000MΩ	
Continuity	500.00Ω						
Capacitance	50.00nF	500.0nF	5.000uF	50.00uF	500.0uF	5000uF	
DCuA	500.00uA	5000.0uA					
ACuA	500.00uA	5000.0uA					
DCuA+ACuA	500.00uA	5000.0uA					
DCmA	50.000mA	500.00mA					
ACmA	50.000mA	500.00mA					
DCmA+ACmA	50.000mA	500.00mA					
DCA	5.0000A	50.000A					
ACA	5.0000A	50.000A					

DCA+DCA	5.0000A	50.000A					
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Remark: Capacitance is counted as 5000

2. OPTION2 byte:

B7	B6	B5	B4	B3	B2	B1	B0
	HOLD	OV					

B6 : HOLD marker, it means lock when it is 1.

B5 : excessive order marker, it means excessive when it is 1

B4-B0: level marker

B4-B0			
00000	ACV	01100	DCuA
00001	dBm	01101	ACuA
00010	DCV	01110	DCuA+ACuA
00011	DCV+ACV	01111	DCmA
00100	DCmV	10000	ACmA
00101	ACmV	10001	DCmA+ACmA
00110	DCV+ACV	10010	DCA
00111	Hz	10011	ACA
01000	Duty	10100	DCA+DCA
01001	Ohm	10101	
01010	Continuity	10110	
01011	Capacitance	10111	

3. OPTION3 byte:

B7	B6	B5	B4	B3	B2	B1	B0
		-					

B5: when it is 1, it means the present data is negative, otherwise it is positive.

B4: When it is 1, it means hand-motion, otherwise it is auto-motion.

B3: when it is 1, it shows a symbol lacking of press, means the instrument lacks of press.

B2: When it is 1, it shows relative measure symbol, means it is relative state at the moment.

B1, B0:

B1	B0	Display staus
0	0	
0	1	MAX
1	0	MIN
1	1	MAX-MIN

4. D4-D0:



The numerical value by ASCII, the order in turn from higher place to lower place is D4, D3, D2, D1, D0.