



PRODUCT NAME

TM58PE10

TITLE

R、C reference value value in RC Oscillator mode of TM58PE10

APPLICATION NOTE

1. R、C reference value value when work voltage is 5V
2. R、C reference value value when work voltage is 3V

Environment temperature : 25°C

1、work voltage : 5V

resistance	capacitance	Oscillator frequency	
6M	---	32.67KHz	±6.5%
300K	---	488.7 KHz	±1.1%
150K	---	950.3 KHz	±1.4%
75K	---	1.965MHz	±1.3%
36K	---	4.282 MHz	±1.2%
20K	---	8.113 MHz	±1.0%
15K	---	11.229 MHz	±0.9%
8.2K	0.1U	20.73 MHz	±1.1%

2、work voltage: 3V

resistance	capacitance	Oscillator frequency	
5.1M	---	31.9KHz	±3.1%
300K	---	460.1 KHz	±1.8%
120K	---	1.201MHz	±2.1%
75K	---	1.978MHz	±1.8%
36K	---	4.279 MHz	±1.4%
20K	---	8.046MHz	±1.5%
15K	0.1U	10.65 MHz	±1.2%
9.1K	0.1U	18.865 MHz	±1.5%

Note: “---” meaning is it needn't use C but need use R in Oscillator mode