

Stepper motor Tacho meter

NO.	Parts	Spec.	for	Pcs.	Comment	URL
1	PCB	Elecrow PCB		1	upload zip file to elecrow	https://www.elecrow.com/
2	PIC	PIC12F1822-I/P		1	PDIP	https://akizukidenshi.com/catalog/g/gI-04557/
3	Resist	470K		1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07862/
4		10K		1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07838/
5		6,8K		1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07834/
6	Cap.	0.1uF50V		2	Ceramic capacitor 2.54pitch	http://akizukidenshi.com/catalog/g/gP-04065/
7		1uF50V		2	Ceramic capacitor 2.54pitch	http://akizukidenshi.com/catalog/g/gP-04066/
8		33uF35V		2	Electrolytic capacitor	http://www.sengoku.co.jp/mod/sgk_cart/detail.php?code=EEHD-0C3R
9		100pF		1	Ceramic capacitor	https://akizukidenshi.com/catalog/g/gP-04061/
10	Diode	SD103A(or 1N4148)		2	Schottky diode for signal	https://akizukidenshi.com/catalog/g/gI-04271/
11		ZD5.1V		1	Ultrafast Switching Rectifier	https://akizukidenshi.com/catalog/g/gI-07493/
12	CRD	18mA		1	E – 1 8 3	https://akizukidenshi.com/catalog/g/gI-02876/
13	IC	7805 regulator		1	Positive voltage regulator 100mA	http://akizukidenshi.com/catalog/g/gI-08973/
14		TC4013BF		1	CMOS Digital Integrated Circuit	https://www.monotaro.com/g/04263807/
15	LED	3.1V@20mA		2	O S W 5 D L S 1 C 1 A	https://akizukidenshi.com/catalog/g/gI-03846/
16	Others	Pin header		1	40pin (use 5pin for PIC ICSP)	http://akizukidenshi.com/catalog/g/gC-00167/
17		IC socket		1	8pin	https://akizukidenshi.com/catalog/g/gP-00017/
18	Motor	X27.168		1		https://www.amazon.co.jp/s?k=X27.168