

これは参考構成です。自己責任で部品を選択してください。

2021/8/8

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	W/B	1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07862/
4		100K	O	1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07853/
5		18K	O	1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07841/
6		10K		1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07838/
7		6,8K	W/B	1	carbon1/2W	https://akizukidenshi.com/catalog/g/gR-07834/
8	Cap.	0.1uF50V		1	Ceramic capacitor 2.54pitch	http://akizukidenshi.com/catalog/g/gP-04065/
9		1uF50V		2	Ceramic capacitor 2.54pitch	http://akizukidenshi.com/catalog/g/gP-04066/
10		33uF35V		2	Electrolytic capacitor	http://www.sengoku.co.jp/mod/sgk_cart/detail.php?code=EEHD-0C3R
11		4700pF	O	1	Ceramic capacitor 5pitch	https://akizukidenshi.com/catalog/g/gP-08136/
12	Diode	SD103A(or 1N4148)	O	1	Schottky diode for signal	https://akizukidenshi.com/catalog/g/gI-04271/
13		ZD12V	O	1	Ultrafast Switching Rectifier	https://akizukidenshi.com/catalog/g/gI-07497/
14		ZD5.1V	W/B	1	Ultrafast Switching Rectifier	https://akizukidenshi.com/catalog/g/gI-07493/
15		1N4007		3	Rectifier	https://akizukidenshi.com/catalog/g/gI-00934/
16	CRD	18mA		1	E - 1 8 3	https://akizukidenshi.com/catalog/g/gI-02876/
17	IC	7805 regulator		1	Positive voltage regulator 100mA	http://akizukidenshi.com/catalog/g/gI-08973/
18	LED	3.1V@20mA		2	O S W 5 D L S 1 C 1 A	https://akizukidenshi.com/catalog/g/gI-03846/
19	Others	Pin header		1	40pin (use 5pin for PIC ICSP)	http://akizukidenshi.com/catalog/g/gC-00167/
20		IC socket		1	8pin	https://akizukidenshi.com/catalog/g/gP-00017/
21	Motor	X27.168		1		https://www.amazon.co.jp/s?k=X27.168