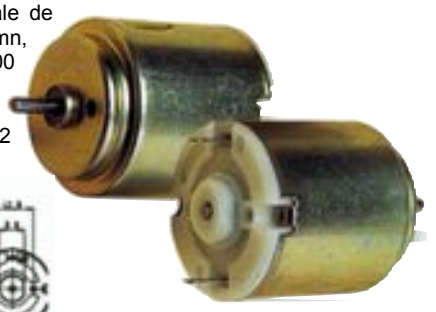
Recherche de solution électronique

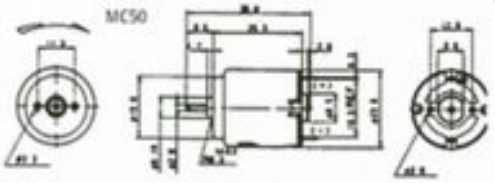
Caractéristiques électriques

DOC 1

Moteur courant continu miniature

Excellent rapport qualité/prix. Tension nominale de 1,5 V à 5 V. Pour 3 V à vide : 12 500 tr/mn, courant 200 mA. En charge (maximum) : 6 800 tr/mn, courant 2,6 A, couple 47g.cm. P = 3 W, rendement 40 %. Dimensions : Ø 24 mm. Longueur totale = 38 mm. Arbre de sortie Ø 2 mm. Sortie cosse à souder.





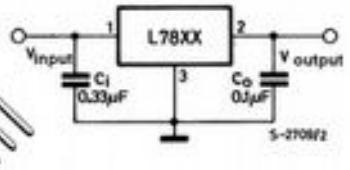
Voltage	A vide	Rendement maxi			Couple	
V	t/mn	A	t/mn	A	W	g.cm
1,5	6300	0,160	5050	0,640	0,517	50,0
3,0	12250	0,200	10120	0,973	1,591	89,5
5,0	26300	0,360	15050	1,640	0,517	50,0

Doc 2: Caractéristiques des moteurs utilisées

L7800 SERIES

VOLTAGE REGULATORS

- OUTPUT CURRENT TO 1.5A
- OUTPUT VOLTAGES OF 5; 5.2; 6; 8; 8.5; 9; 12; 15; 18; 24V
- THERMAL OVERLOAD PROTECTION
- SHORT CIRCUIT PROTECTION
- OUTPUT TRANSITION SOA PROTECTION
- INPUT VOLTAGE MAX 35V
  INPUT VOLTAGE MIN = OUTPUT + 3V

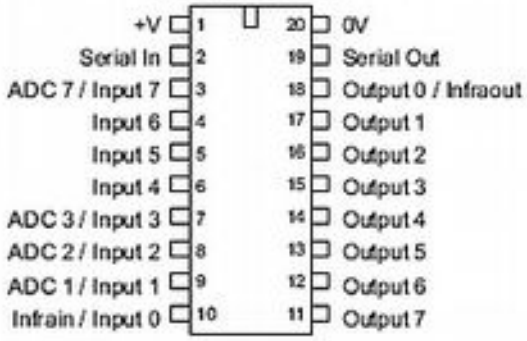


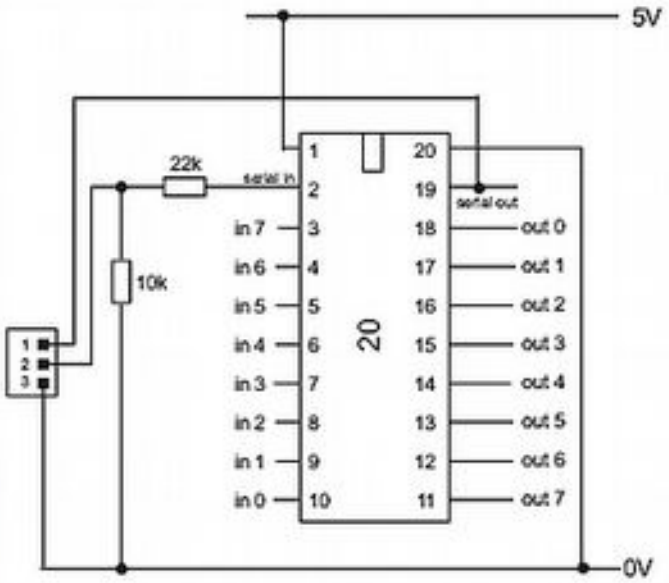
Doc 1: Caractéristiques du régulateurs

PICAXE-20M/20X2 Pinout and Circuit

The pinout diagrams for the 20 pin devices are as follows : (0.3" DIL or 300mil SOIC)

PICAXE-20M





PICAXE Power Supply

All PICAXE chips will run programs at voltages between 3 and 5.5V DC. However some computers may require a 4.5V to 5.5V PICAXE power supply to enable correct communication whilst actually downloading a new program (ie a 3V supply may not enable a new program to be successfully downloaded, depending on the type of computer used).

It is recommended that the power supply is provided in one of the 3 following ways:

- 3 x AA alkaline AA cells (4.5V)
- 4 x rechargeable AA cells (4.8V)
- 5V regulated from a 9V DC regulated supply (5V)

supply current 0.2 A

Doc 3: Caractéristiques électriques du circuit PICAXE