

1. Pin Assignment

Package: TSSOP20

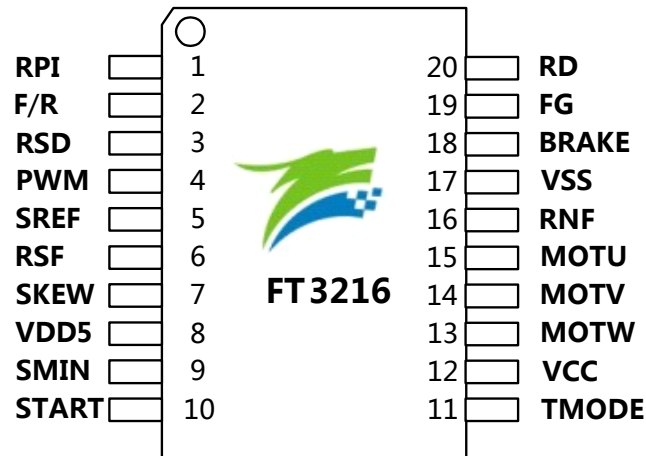


Table 1 Pin Configuration

PIN NO.	PIN Name	Type	Description
1	RPI	I	Initial PWM duty cycle setting.
2	F/R	I	Motor rotation direction input
3	RSD	I	Stall protection time setting
4	PWM	I	PWM input for speed adjustment. Internal pull-up
5	SREF	I	Analog input voltage for speed adjustment.
6	RSF	I	Start frequency setting
7	SKEW	I	Soft start time setting
8	VDD5	O	Digital power output, LDO DC5V output for digital signal.
9	SMIN	I	Minimum speed setting
10	START	I	Motor start input. High: Start; Low: Free. Internal pull-up
11	TMODE	I	Test signal input, connect to GND
12	VCC	P	Power supply
13	MOT_W	O	Motor output W
14	MOT_V	O	Motor output V
15	MOT_U	O	Motor output U
16	RNF	O	Output current detection pin
17	VSS	G	Signal and power ground.
18	BRAKE	I	Brake signal input, Low: Brake. Internal pull-up.
19	FG	O	Open drain. Frequency Generator, speed signal output.
20	RD	O	Open drain. Motor rotate detection output.