Updated Teensy 4.1 Pinout Table (Including Compass)

Component	Function	Teensy 4.1 Pin / Connection
Motor 1	Direction A	2
	Direction B	3
	Enable (PWM)	4
Motor 2	Direction A	5
	Direction B	6
	Enable (PWM)	7
Ultrasonic A	Trigger	8
	Echo	9
Ultrasonic B	Trigger	10
	Echo	11
IR Encoder Left	Signal	12
IR Encoder Right	Signal	13
MPU6050	SDA	18
	SCL	19
	VCC	3.3V
	GND	GND
Compass (GY-271)	SDA	18 (shared with MPU6050)
	SCL	19 (shared with MPU6050)
	VCC	3.3V
	GND	GND
	INT	(Optional – leave unconnected)