

Pin No.	Name	Type	Description
			be used.
7, 18, 21	GND	PWR	Device ground supply pins
17	3V3OUT	Output	+3.3V output from integrated LDO regulator. This pin should be decoupled to ground using a 100nF capacitor. The main use of this pin is to provide the internal +3.3V supply to the USB transceiver cell and the internal 1.5kΩ pull up resistor on USB DP. Up to 50mA can be drawn from this pin to power external logic if required. This pin can also be used to supply the VCCIO pin.
20	VCC	PWR	+3.3V to +5.25V supply to the device core. (see Note 1)
25	AGND	PWR	Device analogue ground supply for internal clock multiplier

Table 3.2 Power and Ground Group

Pin No.	Name	Type	Description
8, 24	NC	NC	No internal connection
19	RESET#	Input	Active low reset pin. This can be used by an external device to reset the FT232R. If not required can be left unconnected, or pulled up to VCC.
26	TEST	Input	Puts the device into IC test mode. Must be tied to GND for normal operation, otherwise the device will appear to fail.
27	OSCI	Input	Input 12MHz Oscillator Cell. Optional – Can be left unconnected for normal operation. (see Note 2)
28	OSCO	Output	Output from 12MHZ Oscillator Cell. Optional – Can be left unconnected for normal operation if internal Oscillator is used. (see Note 2)

Table 3.3 Miscellaneous Signal Group

Pin No.	Name	Type	Description
1	TXD	Output	Transmit Asynchronous Data Output.
2	DTR#	Output	Data Terminal Ready Control Output / Handshake Signal.
3	RTS#	Output	Request to Send Control Output / Handshake Signal.
5	RXD	Input	Receiving Asynchronous Data Input.
6	RI#	Input	Ring Indicator Control Input. When remote wake up is enabled in the internal EEPROM taking RI# low (20ms active low pulse) can be used to resume the PC USB host controller from suspend.
9	DSR#	Input	Data Set Ready Control Input / Handshake Signal.
10	DCD#	Input	Data Carrier Detect Control Input.