

Inter-Integrated Circuit (I2C)

Field	Bits	Type	Description
AL	3	w	Arbitration Lost 0 _B No change 1 _B Clear Interrupt source
NACK	4	w	Not-acknowledge Received 0 _B No change 1 _B Clear Interrupt source
TX_END	5	w	Transmission End 0 _B No change 1 _B Clear Interrupt source
RX	6	w	Receive Mode 0 _B No change 1 _B Clear Interrupt source
0	31:7	r	Reserved Read as 0; should be written with 0.

34.5 Safety Measures

Description of safety mechanisms and conditions of use.

34.6 IO Interfaces

The table below lists all the interfaces of the I2C to other modules in the device.

Table 304 List of I2C Interface Signals

Interface Signals	I/O	Description
i2c_sfr		FPI slave interface
sx_irq_i2c		
DTR_INT	out	I2C Data Transfer Request
ERR_INT	out	I2C Error Service Request
P_INT	out	I2C Kernel Service Request
SDAA	in	Serial Data Input 0 The last letter indicates the input of the input multiplexer.
SDAB	in	Serial Data Input 1 The last letter indicates the input of the input multiplexer.
SDAC	in	Serial Data Input 2 The last letter indicates the input of the input multiplexer.
SDAD	in	Serial Data Input 3 The last letter indicates the input of the input multiplexer.
SDAE	in	Serial Data Input 4 The last letter indicates the input of the input multiplexer.