

CAN Interface (MCMCAN)

40.5 IO Interfaces

Table 387 List of CAN Interface Signals

Interface Signals	I/O	Description
INT(15:0)	out	CAN Service Request
TRIG(3:0)	in	GTM timer output vector
STM0_SR0_INT	in	System Timer Service Request 0
STM0_SR1_INT	in	System Timer Service Request 1
STM1_SR0_INT	in	System Timer Service Request 0
STM1_SR1_INT	in	System Timer Service Request 1
STM2_SR0_INT	in	System Timer Service Request 0
STM2_SR1_INT	in	System Timer Service Request 1
CANX0:RXDA	in	CAN receive input node 0
CANX0:RXDB		
CANX0:RXDC		
CANX0:RXDD		
CANX0:RXDE		
CANX0:RXDF		
CANX0:RXDG		
CANX0:RXDH		
CANX1:RXDA	in	CAN receive input node 1
CANX1:RXDB		
CANX1:RXDC		
CANX1:RXDD		
CANX1:RXDE		
CANX1:RXDF		
CANX1:RXDG		
CANX1:RXDH		
CANX2:RXDA	in	CAN receive input node 2
CANX2:RXDB		
CANX2:RXDC		
CANX2:RXDD		
CANX2:RXDE		
CANX2:RXDF		
CANX2:RXDG		
CANX2:RXDH		

CAN Interface (MCMCAN)

Table 387 List of CAN Interface Signals (cont'd)

Interface Signals	I/O	Description
CANX3:RXDA	in	CAN receive input node 3
CANX3:RXDB		
CANX3:RXDC		
CANX3:RXDD		
CANX3:RXDE		
CANX3:RXDF		
CANX3:RXDG		
CANX3:RXDH		
CANX0:TXD	out	CAN transmit output node 0
CANX1:TXD	out	CAN transmit output node 1
CANX2:TXD	out	CAN transmit output node 2
CANX3:TXD	out	CAN transmit output node 3
ECTT1	in	External CAN time trigger input
ECTT2		
ECTT3		
ECTT4		
ECTT5		
ECTT6		
ECTT7		
ECTT8		
ECTT(15:9)		
TTCPT_TRIG(4:1)	in	Capture time trigger input
INT(15:0)	out	CAN interrupt request
DXSCLK	out	DXS Clock, DAP module clock
DSTDBG	in	Destructive Debug entered

Note: For the connectivity of the MCMCAN module to the STM module, please refer to **“CAN Transmit Trigger Inputs” on Page 14.**