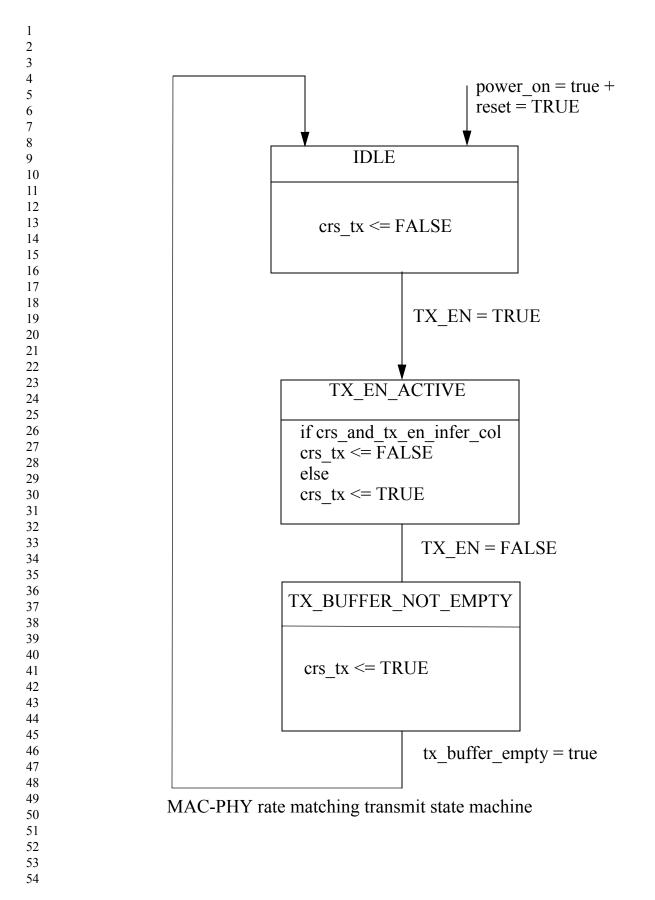
0.0.0.1 MAC-PHY RATE	CADAPTATION state diagrams	1
0.0.0.1.1 MAC-PHY RAT	TE ADAPTATION state diagram variables	2 3 4
		5
crs_rx is asserted by the M	IAC-PHY rate matching receive state machine to control CRS	7
TX_EN is the TX_EN sign	nal of the MII as specified in Clause 22	9
tx_buffer_empty is set who	en the PHY's transmit FIFO is empty.	1
crs_tx is asserted by the M	AC-PHY rate matching transmit state machine to control CRS	1
CRS is CRS signal of the N	MII as specified in Clause 22. It is asserted when either of crs_tx or crs_rx are true.	1
CRS <= crs_tx + crs_rx		1
rx_frame_available is set v	when the PHY's receive FIFO contains one or more complete frames	1
RX_DV is the RX_DV sig	gnal of the MII as specified in Clause 22	2
tx_rx_simultaneously is tr duplex mode.	rue if the MAC is capable of transmitting and receiving simultaneously in half	2 2 2
crs_and_tx_en_infer_col i both true simultaneously.	s true if the MAC-PHY interface infers a collision when TX_EN and CRS are	2
0.0.0.1.2 MAC-PHY RAT	TE ADAPTATION state diagram timer	2
rate_matching_timer	Timer used in rate matching state machine Duration: 1120 ns, tolerance +/- 100 ppm.	
The timer is restarted on en with the action: 'Start rate_ "rate_matching_timer_dor	ntry to the WAIT_FOR_TIMER_DONE state _matching_timer'. It is then tested in the exit condition with the expresssion ne".	
		2
		2
		2
		2
		2
		4
		:



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