

Register Address	FW version 2003			Observation
	PCBA DEADBEEF		Cyclone 1004C954	
	After boot before any TAP	After 1st TAP		
0x40005300	0x80086	0x80086	0x80086	This shows the NFC init went well on boot.
0x40005304	0x80086	0x80086	0x80086	
0x40005308	0x80086	0x80086	0x80086	
0x4000552C	0x1	0x1	0x1	
0x40005590	0xCCFEE9E5	0xCCFEE9E5	0x7390E6D5	
0x40005594	0x5FDA6F	0x5FDA6F	0x5FD9A1	
0x400055A0	0x44	0x44	0x44	
0x40005410	0x0	0x0	0x6	Value 6 shows NFC is in transmit state. Ideally it should be 0 stating that the NFC is in either disabled or sense state.
0x40005100	0x0	0x1	0x1	
0x4000510C	0x0	0x1	0x0	EVENTS_TXFRAMESTART not generated
0x40005114	0x0	0x1	0x1	
0x40005118	0x0	0x1	0x0	EVENTS_RXFRAMEEND not generated
0x4000512C	0x0	0x1	0x1	
0x40005130	0x0	0x1	0x1	
0x40005138	0x0	0x1	0x1	
0x40005148	0x0	0x1	0x1	
0x40005150	0x0	0x1	0x1	
0x40005404	0x0	0x3	0x80	This value doesn't match with the datasheet description.
0x4000540C	0x0	0x10	0x10	
0x40005510	0x0	0x20006598	0x20006598	This is the RAM address which gets populated upon 1st NFC tap
0x40005524	0x0	0xFFF	0x7	This shows value of RXDATABITS as 7 indicates that data bits are invalid and are not received properly.