

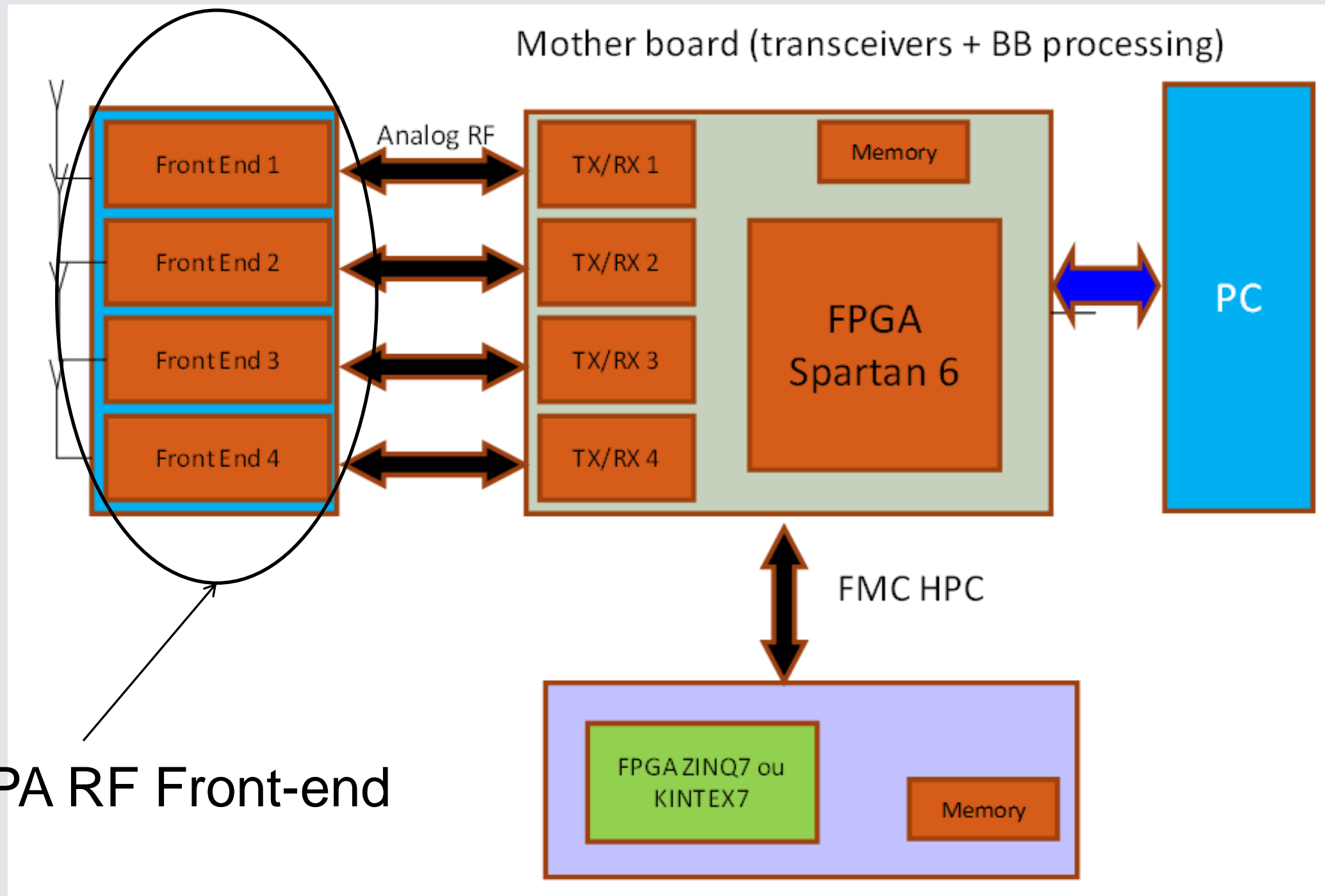


Insight SiP
It's **all** in the **package**

System-in-Package (SiP) approach

SYMPA RF Front-End

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SYMPA RF Front-end

SYMPA RF Front-End : Specifications

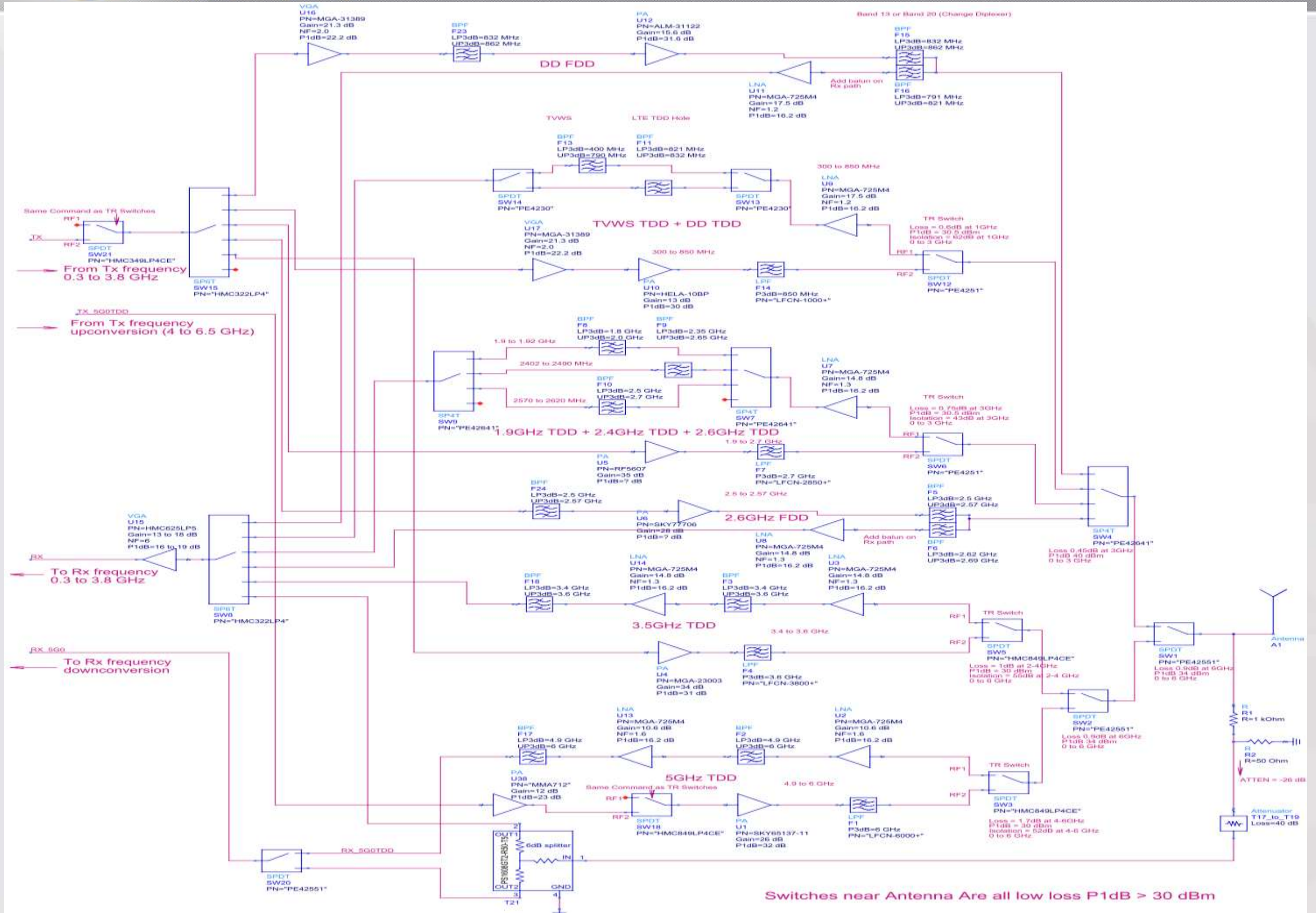
- Wide band and multiband RF Front-end : 400 MHz → 5.9 GHz
- Addressed frequency bands :

Band	Duplex	UE Tx (MHz)	UE Rx (MHz)	Remark
TVWS (400-790 MHz)	TDD	400 - 790	TDD	
DD (790-862 MHz)	TDD	821 - 832	TDD	hole in LTE band 20
DD (790-862 MHz)	FDD	832 - 862	791 - 821	band 20
1.9 GHz	TDD	1900 - 1920	TDD	band 33
2.4 GHz	TDD	2402 - 2490	TDD	WLAN 802.11b
2.6 GHz	FDD	2500 - 2570	2620 - 2690	band 7
2.6 GHz	TDD	2570 - 2620	TDD	band 38
3.5 GHz	TDD	3400 - 3600	TDD	band 42
5-6 GHz	TDD	4900 - 5900	TDD	WLAN 802.11a

- Optional frequency band :

Band	Duplex	UE Tx (MHz)	UE Rx (MHz)	Remark
DD (790- 862 MHz)	FDD	777 - 787	746 - 756	band 13

SYMPA RF Front-End : Filter Bank



SYMPA RF Front-End : Frequency Selection

