	ISCAS 2012		ICASSP 2013		Proposed		
Number of Messages (M)	64	1018	64	1018	64	1018	39,754
Number of Neurons (n)	128	512	128	512	128	512	3200
Capacity (Kbits)	2.05	48.86	2.05	48.86	2.05	48.86	2862.29
LUTs	35,224	DNF	12,341	DNF	1,956	8,082	47,352
Registers	15,783	DNF	15,035	DNF	1,333	5,239	32,609
BRAM Bits	0	0	0	0	14,336	229,376	8,960,000
Max. Freq. (MHz)	107.15	DNF	205.21	DNF	261.85	159.29	72.04
Access Delay (clock cycles)	$1 + it$				$2 + (\beta + 1) \times (it - 1)$		