Hongyang Li 304759850
Silei Ma   604741646

Technology	Synopsys 32nm
Core Area	0. 898010mm × mm
Power	1171mW
Energy/Samp	$1.951×10^8$pJ/Sample
ADC Range	95mV
ENOB	14bits

Design Features

◆ Minimized number of states and registers used

◆ Minimized number of latches by using "assign" statements

Hongyang Li 304759850
Silei Ma   604741646

Technology	Synopsys 32nm
Core Area	0. 180184mm × mm
Power	232mW
Energy/Samp	3.8667×10^7pJ/Sample
ADC Range	95mV
ENOB	14bits

Design Features

◆ 8-channel interleaving

◆ Minimized number of states and registers used

◆ Reduce power by more than 80% & Save area by 80%