



























































Reference	Yang (JSSC 12/2001) 0.35µ/3V	Loloee (ESSIRC 2002) 0.18µ/3V
Bits	14	12
Architecture	3-1-1-1-1-1-1-3	1-1-1-1-1-1-1-1-2
SNR/SFDR	~73dB/88dB	~66dB/75dB
Speed	75MS/s	80MS/s
Power	340mW	260mW

Reference	Yoshioko et al	Kim et al
	(ISSCC 2005) 0.18µ/1.8V	(ISSCC 2005) 0.18µ/1.8V
Bits	10	8
Architecture	1.5bit/stage	2.8 -2.8 - 4
SNR/SFDR	~55dB/66dB	~48dB/56dB
Speed	125MS/s	200MS/s
Power	40mW	30mW











































































