

Analog IP

Analog-PLL For Skew adjust

Key Features

- Including Loop-filter
- VCO operating range : 720MHz - 1680MHz
- Output frequency range : 45MHz – 1680MHz
- Input frequency range : 22.528MHz - 420MHz
- Multiplying (Output freq. / PFD freq.) : 16
- Divider
 - 4bit feedback divider, 2bit input divider and 4bit output divider
- Power-down Mode
- SSC input is not available
- Power-on sequence is constraint-free
- STBY sequence is constraint-free

Technology

Process : TSMC 28nm HPM/HPC

Operating Condition

Parameter		Min	Max	Unit
Operating Voltage (AVDD)		1.62	1.98	V
Operating Voltage (VDD)		0.935	1.08	V
Junction Temperature		-40	125	°C
Input Clock	Duty	30	70	%
	Rise/Fall time	-	0.2	ns

**This IP is contract design IP. Please contact for detail.*

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