

**FP8 E4M3**

0 0010 110

+

0 0000 110

||

0 0010 000

**INT32**

0...11100

+

0...110

||

0...100010

**Real Value**

$1.75 \times 2^{-5}$

+

$0.75 \times 2^{-6}$

||

$1.0625 \times 2^{-4}$

**round to smallest index**

0	0...0001	...	0...100000	0...100100	...	0x80018000	NaN
0	1		16	17		254	255

**MapLUT**