

Returns:

Returns a non-zero value if and only if x is a finite value.

Library Availability:

Compute 2.0: Yes

Compute 3.0: Yes

Compute 3.5: Yes

3.120. `__nv_float2half_rn`

Prototype:

```
i16 __nv_float2half_rn(float %f)
```

Description:

Convert the single-precision float value x to a half-precision floating point value represented in `unsigned short` format, in round-to-nearest-even mode.

Returns:

Returns converted value.

Library Availability:

Compute 2.0: Yes

Compute 3.0: Yes

Compute 3.5: Yes

3.121. `__nv_float2int_rd`

Prototype:

```
i32 __nv_float2int_rd(float %in)
```

Description:

Convert the single-precision floating point value x to a signed integer in round-down (to negative infinity) mode.

Returns:

Returns converted value.

Library Availability:

Compute 2.0: Yes

Compute 3.0: Yes

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