

$X =$ 1 1 0 1 0 1 0 1 0 1 1 0 0 1 1 , 1 0 1 0 1 1 1 1 0

Index = 3 2 0 -1 -2

Value = $2^{3.m_r}$ $2^{2.m_r}$ 2^{m_r} 2^0 2^{-m_r} $2^{-2.m_r}$

R.digits = 0 0 0 1 1 0 1 0 1 0 1 0 1 1 0 0 1 1 1 0 1 0 1 1 1 1 0 0 0 0

R.index = 3

R.sign = 1

Software Carry Save Structure (SCSS)