

## WARPv3

## HSMC/FMC Adaptor 1:1 and 1:4

## WURC Module

Tx CLK (80 MHz)

TX\_CLK

DACs

470-770  
MHz RF

CLK0

RX\_CLK\_OUT

RX\_CLK

ADCs

2.4-2.5  
GHz RF

LMS6002D  
Broadband  
Transceiver

0.3-3.8 GHz  
Aux RX

PLL\_CLK\_OUT

PLL\_CLK

40 MHz

RF Frequency  
Synthesizer

From FPGA

To WARPv3  
DAC/ADC  
and FPGA

CLK2

LMK001055Q  
Clock Buffer

LMK001055Q  
Clock Buffer

CLK3

To WARPv3  
RF  
and FPGA

AD9512  
Clock Buffer

AD9512  
Clock Buffer

Clock Module Input

80 MHz

SiT5001  
Oscillator

Clock Module Input

80 MHz

SiT5001  
Oscillator



AD9512  
Clock Buffer

AD9512  
Clock Buffer

LMK001055Q  
Clock Buffer

LMK001055Q  
Clock Buffer

DACs

ADCs

RF Frequency  
Synthesizer