

Barker Code Generator Peripheral

Features:

- Quad 11 bit Barker Code Output
 - Output 1 – 11 bit Barker Code Forward Unmirrored
 - Output 2 – 11 bit Barker Code Forward Mirrored
 - Output 3 – 11 bit Barker Code Reverse Unmirrored
 - Output 4 – 11 bit Barker Code Reverse Mirrored
- Quad 13 bit Barker Code Output
 - Output 1 – 13 bit Barker Code Forward Unmirrored
 - Output 2 – 13 bit Barker Code Forward Mirrored
 - Output 3 – 13 bit Barker Code Reverse Unmirrored
 - Output 4 – 13 bit Barker Code Reverse Mirrored
- Global Output Enable for all Barker Code Channels
- Local Output Enable for each Barker Code Channel
- Global Enable for all Barker Code Channels
- Local Enable for each Barker Code Channel
- Quad 4 to 1 Multiplexer for each Barker Code Output
- 5 bit Address and 16 bit Microprocessor Interface
 - 4 bit Control and Status Register
 - 11 bit Barker Code Readback
 - 13 bit Barker Code Readback
 - Global Enable
 - Global Output Enable
- 26 bit Output for FIFO Interface
 - 11 bit Barker Code Register
 - 1 bit 11 bit Barker Code Output
 - 13 bit Barker Code Register
 - 1 bit 13 bit Barker Code Output

