SRL FIFO Core Specification

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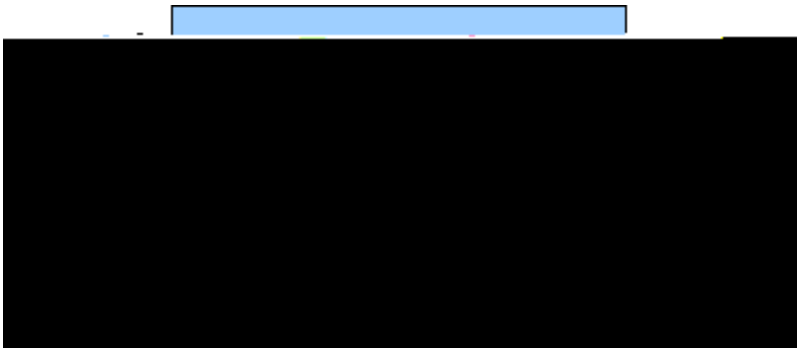
1 Intro+uction

' he SRL FIFO s a #roup o" F rst In F rst Out 0FIFO1s2 re# sters3 4ased upon the sh "t re# ster pr nc ple. ' hese are a 5ed n part cular at the 6 l n7 ran#e o" F&+A1s that ha$e $er8 e"" c ent sh "t re# ster 5ple5entat ons3 known as SRL.

Sh "t re# ster 4ased FIFOs ha$e 4een around "or 8ears3 ' he de" n t $e art cle on sh "t re# ster 4ased FIFOs s a 6 l n7 docu5ent. *ot to surpr s n# when accord n# to w k 3 $ strFI

Architecture



F #ure : ' op le$el Arch tecture