

SR107 SCPI Example

Defining a Group of SR107 Static I/O Channels and Reading-in Data using SCPI Message-based Commands

The following SCPI commands will define a group of static I/O channels (SR107 located in slot DRA3) with a "transparent" input mode and then read-in any static data that is present at these channels.

ROUT:PATH:DEF STATIC,@33:48)	(define a group named "STATIC" with channels 33-48 – slot DRA3)
OUTP:ENAB STATIC,<selected enable>	(select the OUTPUT ENABLE signal for "STATIC")
OUTP:REG:STAT STATIC,(ON/OFF)	(set the OUTPUT REGISTER mode for "STATIC" on/off)
OUTP:REG:SOUR STATIC,<selected strobe>	(select the OUTPUT REGISTER strobe for "STATIC")
INP:STR:SOUR STATIC,TRAN	(set the INPUT mode of "STATIC" to transparent)
EXEC:FIEL? STATIC	(read the static data present at "STATIC" - returns data in decimal)