
QR1034x Command Set

7/10/2017

I) Overview

The common syntax for several commands is:

- Each command to prober is terminated with <LF> (ASCII 10)
- Each prober response is terminated with <LF> or EOI (GPIB End-Of_Information)
- For non-query commands, prober responds with MC<LF> after command has been completed successfully (after the prober has finished and is ready for next command). Prober issues MF<LF> if an error occurred.
- Prober response is unique for each query command
- Units for X and Y moves and dimensions are mils or microns
- X and Y move and dimensions values syntax is floating point
- Positive X values move the stage towards the left
- Positive Y values move the stage towards the front

II) Commands

Command	Description	Example (T=Tester, P=Prober)
*IDN?	Query command that returns NexGen software version	T: *IDN?<LF> P: NexGen 1.6.3.2<LF>
?P	Query command that returns X and Y die coordinate. Return syntax is XxYy.	T: ?P<LF> P: X-315Y10<LF>
MDXxYy	Relative index (die) moves. Only send X and Y as integers.	T: MDX2Y5<LF> P: MC<LF>
MOXxYy	Moves in absolute index (die) steps	T: MOX10Y-2<LF> P: MC<LF>
PR	Start production	T: PR<LF> P: MC<LF>
TC	Test complete command sent by tester after electrical test is complete. Prober will move to next die and respond with either TS or TSXxYy when ready. At the last die prober returns PC instead of TS.	T: TC<LF> P: TSX0Y3<LF>
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