

# Agilent 34410A/11A Command Quick Reference

## Syntax Conventions

Braces ( { } ) enclose the parameter choices for a given command string. The braces are not sent with the command string.

A vertical bar ( | ) separates multiple parameter choices for a given command string. The bar is not sent with the command string.

Triangle brackets ( < > ) indicate that you must specify a value for the enclosed parameter. For example, the above syntax statement shows the <range> parameter enclosed in triangle brackets. The brackets are not sent with the command string. You must specify a value for the parameter (e.g., "VOLT:DC:RANG 10").

Some parameters are enclosed in square brackets ( [ ] ). The square brackets indicate that the parameter is optional and can be omitted. The brackets are not sent with the command string. If you do not specify a value for an optional parameter, the instrument chooses a default value.

## Measurement Commands

MEASure:CAPacitance? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:CONTinuity?

MEASure:CURRent:AC? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:CURRent[:DC]? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:DIODE?

MEASure:FREQuency? [{<range>|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:FRESistance? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:PERiod? [{<range>|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:RESistance? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure:TEMPerature? {FRTD|RTD|THERmistor|DEF}, {<type>|DEF} [, 1 [, {<resolution>|MIN|MAX|DEF}] ]

MEASure[:VOLTage]:AC? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

MEASure[:VOLTage][:DC]? [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]

## Temperature Configuration Commands

CONFigure:TEMPerature {FRTD|RTD|THERmistor|DEF}, {<type>|DEF} [, 1 [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?

[SENSe:]TEMPerature:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]TEMPerature:APERture? [{MIN|MAX}]

[SENSe:]TEMPerature:APERture:ENABLEd?

[SENSe:]TEMPerature:NPLC {<PLCs>|MIN|MAX|DEF}  
[SENSe:]TEMPerature:NPLC? [{MIN|MAX}]

[SENSe:]TEMPerature:NULL[:STATe] {ON|OFF}  
[SENSe:]TEMPerature:NULL[:STATe]?

[SENSe:]TEMPerature:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]TEMPerature:NULL:VALue? [{MIN|MAX}]

[SENSe:]TEMPerature:TRANsdUcer:TYPE {FRTD|RTD|THERmistor}  
[SENSe:]TEMPerature:TRANsdUcer:TYPE?

[SENSe:]TEMPerature:ZERO:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]TEMPerature:ZERO:AUTO?

UNIT:TEMPerature {C|F|K}  
UNIT:TEMPerature?

### RTD Configuration

[SENSe:]TEMPerature:TRANsdUcer:FRTD:OCOMPensated {OFF|0|ON|1}  
[SENSe:]TEMPerature:TRANsdUcer:FRTD:OCOMPensated?

[SENSe:]TEMPerature:TRANsdUcer:FRTD:RESistance[:REFerence] {<reference>|MIN|MAX|DEF}  
[SENSe:]TEMPerature:TRANsdUcer:FRTD:RESistance[:REFerence]? [{MIN|MAX}]

[SENSe:]TEMPerature:TRANsdUcer:FRTD:TYPE {85}  
[SENSe:]TEMPerature:TRANsdUcer:FRTD:TYPE?

[SENSe:]TEMPerature:TRANsdUcer:RTD:OCOMPensated {OFF|0|ON|1}  
[SENSe:]TEMPerature:TRANsdUcer:RTD:OCOMPensated?

[SENSe:]TEMPerature:TRANsdUcer:RTD:RESistance[:REFerence] {<reference>|MIN|MAX|DEF}  
[SENSe:]TEMPerature:TRANsdUcer:RTD:RESistance[:REFerence]? [{MIN|MAX}]

[SENSe:]TEMPerature:TRANsdUcer:RTD:TYPE {85}  
[SENSe:]TEMPerature:TRANsdUcer:RTD:TYPE?

### Thermistor Configuration

[SENSe:]TEMPerature:TRANsdUcer:FTHermistor:TYPE {2252|5000|10000}  
[SENSe:]TEMPerature:TRANsdUcer:FTHermistor:TYPE?

[SENSe:]TEMPerature:TRANsdUcer:THERmistor:TYPE {2252|5000|10000}  
[SENSe:]TEMPerature:TRANsdUcer:THERmistor:TYPE?

## Voltage Configuration Commands

### DC Voltage Configuration

CONFigure[:VOLTage][:DC] [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?

[SENSe:]VOLTage[:DC]:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]VOLTage[:DC]:APERture? [{MIN|MAX}]

[SENSe:]VOLTage[:DC]:APERture:ENABLEd?

[SENSe:]VOLTage[:DC]:IMPedance:AUTO {OFF|0|ON|1}  
[SENSe:]VOLTage[:DC]:IMPedance:AUTO?

[SENSe:]VOLTage[:DC]:NPLC {<PLCs>|MIN|MAX|DEF}  
[SENSe:]VOLTage[:DC]:NPLC? [{MIN|MAX}]

[SENSe:]VOLTage[:DC]:NULL[:STATe] {ON|OFF}  
[SENSe:]VOLTage[:DC]:NULL[:STATe]?

[SENSe:]VOLTage[:DC]:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]VOLTage[:DC]:NULL:VALue? [{MIN|MAX}]

[SENSe:]VOLTage[:DC]:PEAK:STATe {ON|OFF}  
[SENSe:]VOLTage[:DC]:PEAK:STATe?

[SENSe:]VOLTage[:DC]:RANGE:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]VOLTage[:DC]:RANGE:AUTO?

[SENSe:]VOLTage[:DC]:RANGE[:UPPer] {<range>|MIN|MAX|DEF}  
[SENSe:]VOLTage[:DC]:RANGE[:UPPer]? [{MIN|MAX}]

[SENSe:]VOLTage[:DC]:RESolution {<resolution>|MIN|MAX|DEF}  
[SENSe:]VOLTage[:DC]:RESolution? [{MIN|MAX}]  
[SENSe:]VOLTage[:DC]:ZERO:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]VOLTage[:DC]:ZERO:AUTO?

### AC Voltage Configuration

CONFigure[:VOLTage]:AC [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?

[SENSe:]VOLTage:AC:BANDwidth {3|20|200|MIN|MAX|DEF}  
[SENSe:]VOLTage:AC:BANDwidth? [{MIN|MAX}]

[SENSe:]VOLTage:AC:NULL[:STATe] {ON|OFF}  
[SENSe:]VOLTage:AC:NULL[:STATe]?

[SENSe:]VOLTage:AC:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]VOLTage:AC:NULL:VALue? [{MIN|MAX}]

[SENSe:]VOLTage:AC:PEAK:STATe {ON|OFF}  
[SENSe:]VOLTage:AC:PEAK:STATe?

[SENSe:]VOLTage:AC:RANGe:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]VOLTage:AC:RANGe:AUTO?

[SENSe:]VOLTage:AC:RANGe[:UPPer] {<range>|MIN|MAX|DEF}  
[SENSe:]VOLTage:AC:RANGe[:UPPer]? [{MIN|MAX}]

## Resistance Configuration Commands

### 2-Wire Resistance Configuration

CONFigure:RESistance [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?

[SENSe:]RESistance:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]RESistance:APERture? [{MIN|MAX}]

[SENSe:]RESistance:APERture:ENABLEd?

[SENSe:]RESistance:NPLC {<PLCs>|MIN|MAX|DEF}  
[SENSe:]RESistance:NPLC? [{MIN|MAX}]

[SENSe:]RESistance:NULL[:STATe] {ON|OFF}  
[SENSe:]RESistance:NULL[:STATe]?

[SENSe:]RESistance:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]RESistance:NULL:VALue? [{MIN|MAX}]

[SENSe:]RESistance:OCOMPensated {OFF|0|ON|1}  
[SENSe:]RESistance:OCOMPensated?

[SENSe:]RESistance:RANGe:AUTO {OFF|0|ON|1}  
[SENSe:]RESistance:RANGe:AUTO?

[SENSe:]RESistance:RANGe[:UPPer] {<range>|MIN|MAX|DEF}  
[SENSe:]RESistance:RANGe[:UPPer]? [{MIN|MAX}]

[SENSe:]RESistance:RESolution {<resolution>|MIN|MAX|DEF}  
[SENSe:]RESistance:RESolution? [{MIN|MAX}]

[SENSe:]RESistance:ZERO:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]RESistance:ZERO:AUTO?

### 4-Wire Resistance Configuration

CONFigure:FRESistance [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?

[SENSe:]FRESistance:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]FRESistance:APERture? [{MIN|MAX}]

```

[SENSe:]FRESistance:APERture:ENABLEd?

[SENSe:]FRESistance:NPLC {<PLCs>|MIN|MAX|DEF}
[SENSe:]FRESistance:NPLC? [{MIN|MAX}]

[SENSe:]FRESistance:NULL[:STATe] {ON|OFF}
[SENSe:]FRESistance:NULL[:STATe]?

[SENSe:]FRESistance:NULL:VALue {<value>|MIN|MAX}
[SENSe:]FRESistance:NULL:VALue? [{MIN|MAX}]

[SENSe:]FRESistance:OCOMpensated {OFF|0|ON|1}
[SENSe:]FRESistance:OCOMpensated?

[SENSe:]FRESistance:RANGe:AUTO {OFF|0|ON|1|ONCE}
[SENSe:]FRESistance:RANGe:AUTO?

[SENSe:]FRESistance:RANGe[:UPPer] {<range>|MIN|MAX|DEF}
[SENSe:]FRESistance:RANGe[:UPPer]? [{MIN|MAX}]

[SENSe:]FRESistance:RESolution {<resolution>|MIN|MAX|DEF}
[SENSe:]FRESistance:RESolution? [{MIN|MAX}]

```

## Current Configuration Commands

### DC Current Configuration

```

CONFigure:CURRent[:DC] [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]
CONFigure?

[SENSe:]CURRent[:DC]:APERture {<seconds>|MIN|MAX|DEF}
[SENSe:]CURRent[:DC]:APERture? [{MIN|MAX}]

[SENSe:]CURRent[:DC]:APERture:ENABLEd?

[SENSe:]CURRent[:DC]:NPLC {<PLCs>|MIN|MAX|DEF}
[SENSe:]CURRent[:DC]:NPLC? [{MIN|MAX}]

[SENSe:]CURRent[:DC]:NULL[:STATe] {ON|OFF}
[SENSe:]CURRent[:DC]:NULL[:STATe]?

[SENSe:]CURRent[:DC]:NULL:VALue {<value>|MIN|MAX}
[SENSe:]CURRent[:DC]:NULL:VALue? [{MIN|MAX}]

[SENSe:]CURRent[:DC]:PEAK:STATe {ON|OFF}
[SENSe:]CURRent[:DC]:PEAK:STATe?

[SENSe:]CURRent[:DC]:RANGe:AUTO {OFF|0|ON|1|ONCE}
[SENSe:]CURRent[:DC]:RANGe:AUTO?

[SENSe:]CURRent[:DC]:RANGe[:UPPer] {<range>|MIN|MAX|DEF}
[SENSe:]CURRent[:DC]:RANGe[:UPPer]? [{MIN|MAX}]

[SENSe:]CURRent[:DC]:RESolution {<resolution>|MIN|MAX|DEF}
[SENSe:]CURRent[:DC]:RESolution? [{MIN|MAX}]

[SENSe:]CURRent[:DC]:ZERO:AUTO {OFF|0|ON|1|ONCE}
[SENSe:]CURRent[:DC]:ZERO:AUTO?

```

### AC Current Configuration

```

CONFigure:CURRent:AC [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]
CONFigure?

[SENSe:]CURRent:AC:BANDwidth {3|20|200|MIN|MAX|DEF}
[SENSe:]CURRent:AC:BANDwidth? [{MIN|MAX}]

[SENSe:]CURRent:AC:NULL[:STATe] {ON|OFF}
[SENSe:]CURRent:AC:NULL[:STATe]?

[SENSe:]CURRent:AC:NULL:VALue {<value>|MIN|MAX}
[SENSe:]CURRent:AC:NULL:VALue? [{MIN|MAX}]

```

[SENSe:]CURRent:AC:PEAK:STATe {ON|OFF}  
[SENSe:]CURRent:AC:PEAK:STATe?  
  
[SENSe:]CURRent:AC:RANGe:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]CURRent:AC:RANGe:AUTO?  
  
[SENSe:]CURRent:AC:RANGe[:UPPer] {<range>|MIN|MAX|DEF}  
[SENSe:]CURRent:AC:RANGe[:UPPer]? [{MIN|MAX}]

## Capacitance Configuration Commands

CONFigure:CAPacitance [{<range>|AUTO|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
  
[SENSe:]CAPacitance:NULL[:STATe] {ON|OFF}  
[SENSe:]CAPacitance:NULL[:STATe]?  
  
[SENSe:]CAPacitance:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]CAPacitance:NULL:VALue? [{MIN|MAX}]  
  
[SENSe:]CAPacitance:RANGe:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]CAPacitance:RANGe:AUTO?  
  
[SENSe:]CAPacitance:RANGe[:UPPer] {<range>|MIN|MAX|DEF}  
[SENSe:]CAPacitance:RANGe[:UPPer]? [{MIN|MAX}]

## Continuity and Diode Configuration Commands

CONFigure:CONTInuity  
  
CONFigure:DIODE

## Frequency and Period Configuration Commands

### Frequency Configuration

CONFigure:FREQuency [{<range>|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?  
  
[SENSe:]FREQuency:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]FREQuency:APERture? [{MIN|MAX}]  
  
[SENSe:]FREQuency:NULL[:STATe] {ON|OFF}  
[SENSe:]FREQuency:NULL[:STATe]?  
  
[SENSe:]FREQuency:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]FREQuency:NULL:VALue? [{MIN|MAX}]  
  
[SENSe:]FREQuency:RANGe:LOWer {3|20|200|MIN|MAX|DEF}  
[SENSe:]FREQuency:RANGe:LOWer? [{MIN|MAX}]  
  
[SENSe:]FREQuency:VOLTage:RANGe:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]FREQuency:VOLTage:RANGe:AUTO?  
  
[SENSe:]FREQuency:VOLTage:RANGe[:UPPer] {<voltage\_range>|MIN|MAX|DEF}  
[SENSe:]FREQuency:VOLTage:RANGe[:UPPer]? [{MIN|MAX}]

### Period Configuration

CONFigure:PERiod [{<range>|MIN|MAX|DEF} [, {<resolution>|MIN|MAX|DEF}] ]  
CONFigure?  
  
[SENSe:]PERiod:APERture {<seconds>|MIN|MAX|DEF}  
[SENSe:]PERiod:APERture? [{MIN|MAX}]  
  
[SENSe:]PERiod:NULL[:STATe] {ON|OFF}  
[SENSe:]PERiod:NULL[:STATe]?

[SENSe:]PERiod:NULL:VALue {<value>|MIN|MAX}  
[SENSe:]PERiod:NULL:VALue? [{MIN|MAX}]

[SENSe:]PERiod:RANGe:LOWer {3|20|200|MIN|MAX|DEF}  
[SENSe:]PERiod:RANGe:LOWer? [{MIN|MAX}]

[SENSe:]PERiod:VOLTage:RANGe:AUTO {OFF|0|ON|1|ONCE}  
[SENSe:]PERiod:VOLTage:RANGe:AUTO?

[SENSe:]PERiod:VOLTage:RANGe:UPPer {<voltage\_range>|MIN|MAX|DEF}  
[SENSe:]PERiod:VOLTage:RANGe:UPPer? [{MIN|MAX}]

## Measurement Configuration Commands

ABORt

INITiate[:IMMediate]

FORMat:BORDer {NORMAL|SWAPped}  
FORMat:BORDer?

FORMat[:DATA] {AScii | REAL} [, <length>]  
FORMat[:DATA]?

OUTPut:TRIGger:SLOPe {POSitive|NEGative}  
OUTPut:TRIGger:SLOPe?

READ?

ROUTe:TERMinals?

SAMPlE:COUNT {<count>|MIN|MAX|INFinity}  
SAMPlE:COUNT? [{MIN|MAX}]

SAMPlE:COUNT:PRETrigger {<PTcount>|MIN|MAX}  
SAMPlE:COUNT:PRETrigger? [{MIN|MAX}]

SAMPlE:SOURce {AUTO|TIMER}  
SAMPlE:SOURce?

SAMPlE:TIMer {<interval>|MIN|MAX}  
SAMPlE:TIMer? [{MIN|MAX}]

TRIGger:COUNT {<count>|MIN|MAX|DEF|INFinity}  
TRIGger:COUNT? [{MIN|MAX}]

TRIGger:DELay {<seconds>|MIN|MAX}  
TRIGger:DELay? [{MIN|MAX}]

TRIGger:DELay:AUTO {OFF|0|ON|1}>  
TRIGger:DELay:AUTO?

TRIGger:LEVel{<level>|MIN|MAX}  
TRIGger:LEVel? [{MIN|MAX}]

TRIGger:SLOPe {POSitive|NEGative}  
TRIGger:SLOPe?

TRIGger:SOURce {IMMediate|EXternal|BUS}  
TRIGger:SOURce?

## Triggering Commands

\*TRG

INITiate[:IMMediate]

OUTPut:TRIGger:SLOPe {POSitive|NEGative}  
OUTPut:TRIGger:SLOPe?

READ?

TRIGger:COUNT {<count>|MIN|MAX|DEF|INFinity}  
TRIGger:COUNT? [{MIN|MAX}]

TRIGger:DElay {<seconds>|MIN|MAX}  
TRIGger:DElay? [{MIN|MAX}]

TRIGger:DElay:AUTO {OFF|0|ON|1}  
TRIGger:DElay:AUTO?

TRIGger:LEvel{<level>|MIN|MAX}  
TRIGger:LEvel? [{MIN|MAX}]

TRIGger:SLOPe {POSitive|NEGative}  
TRIGger:SLOPe?

TRIGger:SOURce {IMMediate|EXternal|BUS}  
TRIGger:SOURce?

## Calculation (Math) Commands

CALCulate:AVERage:AVERage?

CALCulate:AVERage:CLEar

CALCulate:AVERage:COUNT?

CALCulate:AVERage:MAX?

CALCulate:AVERage:MIN?

CALCulate:AVERage:PTPeak?

CALCulate:AVERage:SDEviation?

CALCulate:DB:REFErence {<value> | MIN | MAX}  
CALCulate:DB:REFErence? {MIN | MAX}

CALCulate:DBM:REFErence {<value> | MIN | MAX}  
CALCulate:DBM:REFErence? {MIN | MAX}

CALCulate:FUNcTION {NULL | DB | DBM | AVERage | LIMit}  
CALCulate:FUNcTION?

CALCulate:LIMit:LOWer {<value> | MIN | MAX}  
CALCulate:LIMit:LOWer? {MIN | MAX}

CALCulate:LIMit:UPPer {<value> | MIN | MAX}  
CALCulate:LIMit:UPPer? {MIN | MAX}

CALCulate:NULL:OFFSet {<value> | MIN | MAX}  
CALCulate:NULL:OFFSet? {MIN | MAX}

CALCulate[:STATe] {OFF | ON}  
CALCulate:STATe?

## Reading Memory Commands

DATA:LAST?

DATA:COpy NVMEM, RDG\_STORE

DATA:DATA? NVMEM

DATA:DELeTe NVMEM

DATA:POINts:EVENt:THReshold <num\_readings>  
DATA:POINts:EVENt:THReshold?

DATA:POINts?

DATA:REMOve? <num\_readings>

FETCh?

FETCh:CURRent:AC:PTPeak?

FETCh:CURRent[:DC]:PEAK:MAX?

FETCh:CURRent[:DC]:PEAK:MIN?  
FETCh:CURRent[:DC]:PTPeak?  
FETCh:VOLTage:AC:PTPeak?  
FETCh:VOLTage[:DC]:PEAK:MAX?  
FETCh:VOLTage[:DC]:PEAK:MIN?  
FETCh:VOLTage[:DC]:PTPeak?  
R? [<max\_count>]

### Calibration Commands

CALibration:ADC?  
CALibration[:ALL]?  
CALibration:COUNT?  
CALibration:LFRequency {50|60}  
CALibration:LFRequency?  
CALibration:LFRequency:ACTual?  
CALibration:SECure:CODE <new\_code>  
CALibration:SECure:STATe {OFF|0|ON|1}, <code>  
CALibration:SECure:STATe?  
CALibration:STORe  
CALibration:STRing "<string>"  
CALibration:STRing?  
CALibration:VALue <value>  
CALibration:VALue?

### State Storage Commands

\*RCL {0|1|2|3|4}  
\*SAV {0|1|2|3|4}  
MEMory:NSTates?  
MEMory:STATe:CATalog?  
MEMory:STATe:DELeTe {0|1|2|3|4}  
MEMory:STATe:DELeTe:ALL  
MEMory:STATe:NAME {0|1|2|3|4} [, <name>]  
MEMory:STATe:NAME? {0|1|2|3|4}  
MEMory:STATe:RECall:AUTO {OFF|0|ON|1}  
MEMory:STATe:RECall:AUTO?  
MEMory:STATe:RECall:SElect {0|1|2|3|4}  
MEMory:STATe:RECall:SElect?  
MEMory:STATe:VALid? {0|1|2|3|4}

### IEEE-488 Commands

\*CLS  
\*ESE <enable\_value>  
\*ESE?  
\*ESR?



\*IDN?  
\*LRN?  
\*OPC  
\*OPC?  
\*PSC {0|1}  
\*PSC?  
\*RCL {0|1|2|3|4}  
\*RST  
\*SAV {0|1|2|3|4}  
\*SRE <enable\_value>  
\*SRE?  
\*STB?  
\*TRG  
\*TST?  
\*WAI

### System-Related Commands

\*IDN?  
\*RST  
\*TST?  
CALibration:LFRequency?  
DISPlay[:WINDow[1|2][:STATe]] {OFF|0|ON|1}  
DISPlay[:WINDow[1|2][:STATe]]?  
DISPlay[:WINDow[{1|2}]]:TEXT:CLEar  
DISPlay[:WINDow[{1|2}]]:TEXT[:DATA] "<string>"  
DISPlay[:WINDow[{1|2}]]:TEXT[:DATA]?  
DISPlay:WINDow2:TEXT:FEED "<feed>"  
DISPlay:WINDow2:TEXT:FEED?  
SYSTem:BEEPer[:IMMediate]  
SYSTem:BEEPer:STATe {OFF|0|ON|1}  
SYSTem:BEEPer:STATe?  
SYSTem:ERRor[:NEXT]?  
SYSTem:HELP?  
SYSTem:LANGuage "{34401A|34410A|34411A}"  
SYSTem:LANGuage?  
SYSTem:LFRequency:ACTual?  
SYSTem:LFRequency?  
SYSTem:PRESet  
SYSTem:SECurity:IMMediate  
SYSTem:VERSion?

### Remote Interface Configuration Commands

SYSTem:COMMunicate:ENABle {OFF|0|ON|1}, {GPIB|USB|LAN|SOCKets|TELNet|VXI11|WEB}  
SYSTem:COMMunicate:ENABle? {GPIB|USB|LAN|SOCKets|TELNet|VXI11|WEB}

SYSTem:COMMunicate:GPIB[:SELf]:ADDReSS {<address>}  
SYSTem:COMMunicate:GPIB[:SELf]:ADDReSS?

SYSTem:LOCK:NAME?

SYSTem:LOCK:OWNer?

SYSTem:LOCK:RELease

SYSTem:LOCK:REQueST?

## LAN Configuration Commands

SYSTem:COMMunicate:LAN:AUTOip[:STATe] {OFF|0|ON|1}  
SYSTem:COMMunicate:LAN:AUTOip[:STATe]?

SYSTem:COMMunicate:LAN:BSTatus?

SYSTem:COMMunicate:LAN:CONTRol?

SYSTem:COMMunicate:LAN:DDNS {OFF|0|ON|1}  
SYSTem:COMMunicate:LAN:DDNS?

SYSTem:COMMunicate:LAN:DHCP {OFF|0|ON|1}  
SYSTem:COMMunicate:LAN:DHCP?

SYSTem:COMMunicate:LAN:DNS <address>  
SYSTem:COMMunicate:LAN:DNS?

SYSTem:COMMunicate:LAN:DOMain "<name>"  
SYSTem:COMMunicate:LAN:DOMain? [{CURRent|STATic}]

SYSTem:COMMunicate:LAN:GATEway <address>  
SYSTem:COMMunicate:LAN:GATEway? [{CURRent|STATic}]

SYSTem:COMMunicate:LAN:HISTory:CLEar

SYSTem:COMMunicate:LAN:HISTory?

SYSTem:COMMunicate:LAN:HOSTname "<name>"  
SYSTem:COMMunicate:LAN:HOSTname? [{CURRent|STATic}]

SYSTem:COMMunicate:LAN:IPADdress <address>  
SYSTem:COMMunicate:LAN:IPADdress? [{CURRent|STATic}]

SYSTem:COMMunicate:LAN:KEEPalive {<seconds>|MIN|MAX}  
SYSTem:COMMunicate:LAN:KEEPalive? [{MIN|MAX}]

SYSTem:COMMunicate:LAN:LIPaddress?

SYSTem:COMMunicate:LAN:MEDIasense {OFF|0|ON|1}  
SYSTem:COMMunicate:LAN:MEDIasense?

SYSTem:COMMunicate:LAN:MAC?

SYSTem:COMMunicate:LAN:NETBios {OFF|0|ON|1}  
SYSTem:COMMunicate:LAN:NETBios?

SYSTem:COMMunicate:LAN:SMASk <mask>  
SYSTem:COMMunicate:LAN:SMASk? [{CURRent|STATic}]

SYSTem:COMMunicate:LAN:TELNet:PROMpt "<string>"  
SYSTem:COMMunicate:LAN:TELNet:PROMpt?

SYSTem:COMMunicate:LAN:TELNet:WMESsage "<string>"  
SYSTem:COMMunicate:LAN:TELNet:WMESsage?

## Status System Commands

\*CLS

\*ESE <enable\_value>  
\*ESE?

\*ESR?

\*PSC {0|1}  
\*PSC?

\*SRE <enable\_value>  
\*SRE?

\*STB?

STATus:OPERation:CONDition?

STATus:OPERation:ENABle <enable\_value>  
STATus:OPERation:ENABle?

STATus:OPERation[:EVENT]?

STATus:PRESet

STATus:QUEStionable:CONDition?

STATus:QUEStionable:ENABle <enable\_value>  
STATus:QUEStionable:ENABle?

STATus:QUEStionable[:EVENT]?

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