ANALOG INPUT CHANNEL TYPES

TYPE	COMMAND	UNITS
Voltage	nV	mV
Attenuated voltage (see Poke 8)	nV&	V
J thermocouple	nTJ	Deg*
K thermocouple	nTK	Deg*
N thermocouple (See Poke 34 & 35)	nTN	Deg*
R thermocouple	nTR	Deg*
S thermocouple	nTS	Deg*
T thermocouple	nTT	Deg*
RTD by voltage drop (see Poke 33)	nBV	Deg*
RTD by resistance	nBR	Deg*
LM335 and AD590	nMA	Deg*
LM35	nMC	Deg*
Strain gauge (see Poke 38)	nS(g)	uStrain
Current	nI	mA
4-20mA current loop	nLA	Percent
10-50mA current loop	nLB	Percent
Frequency	nF	Hz
Period of frequency	nP	uSec
Resistance	nR	Ohms
Zero volts reference	24V	mV
100 ohm reference	24R	Ohms
Internal temperature	25MA	Deg*

n   Channel number or sequence, differential or single ended.

    eg. 1V   1..5R   7+F   10-. 15+TK

*   Units of temperature are defined via Poke36

g   Strain gauge types require specification of a gauge factor

DIGITAL INPUT CHANNEL TYPES

TYPE	COMMAND	UNITS
Digital byte (8 bits)	0D	Digital
Digital bit (1 bit)	nD	Digital
Accumulating counter (High speed)	0C	Counts
Accumulating counter (Low speed)	nC	Counts
Resetting counter (Low speed)	nCR	Counts
Repeat 1 scan counter (Internal)	9C	Counts
Repeat 2 scan counter (Internal)	10C	Counts
Ave/SD/Min/Max scan counter (Internal)	11C	Counts
Phase encoder up-down counter (Inputs on D7 D8)	12C	Counts

n   Channel number or sequence eg. 1D 1..5CR