

C O M M A N D S

COMMAND		DATA 1	RANGE	DATA 2	RANGE
SETUP USER DEFAULTS					
B	Set Jog Speeds	Slow Speed x30	0-255	High Speed x 30	0-255
C	Clear and Restore	NVM Page	0-9	None	None
D	Microstep Resolution	Resolution	0-8	None	None
E	Settling Time Delay	0.01 Sec	0-255	None	None
H	Resolution Mode	FR/VR	0-1	None	None
I	Initial Velocity	Steps/Sec	20-20,000	None	None
K	Ramp Slope	Acceleration	0-255	Deceleration	0-255
S	Store Parameters	None	None	None	None
T	Trip Point	Position	±8,388,607.99	Vector Address	0-255
V	Slew Velocity	Steps/Sec	20-20,000	None	None
Y	Hold/Run Current %	Hold %	0-100	Run %	0-100
MOTION COMMANDS					
F	Find Home	Steps/Sec	20-20,000	Direction	0-1
M	Move At Constant Velocity	Steps/Sec	0, ±20-20,000	None	None
R	Index To Position	Position	±8,388,607.99	None	None
+	Index In "+" Direction	Steps	±0.01-8,388,607.99	None	None
-	Index In "-" Direction	Steps	±0.01-8388,607.99	None	None
PROGRAM COMMANDS					
G	Go	Address	0-1791,2048	Trace Off/On	0-1
J,j	Jump	Address	0-1791	N + 1 Times	0-255
L	Loop On Port	Address	0-1791,2048	Condition	0-5
P	Program Mode	Address	0-1791	None	None
Q	Query Program (Line)	Address	0-1791	None	None
q	Query Program (Block)	Address	0-1791	None	None
k	Special Trip	Position	±8,388,607.99	Port Valve	0-56
UTILITY COMMANDS					
ESC	Abort/Terminate	None	None	None	None
@	Soft Stop	Stop Mode	None, 0, 1	None	None
^ C	Software Reset	None	None	None	None
A	Port	Write/Read	0-128/129	None	None
O,o	Set Origin	None	None	None	None
W	Wait Delay	0.01 Seconds	0-255	None	None
X	Examine Parameters	None	None	None	None
Z,z	Display Position	Readout Mode	0-1	None	None
[Read NV Memory	Address	0-2047	Count	0-255
\	Write To NV Memory	Address	0-2047	Data	0-255
]	Read Limits/Hardware	Lim/HDW	0-1	None	None
^	Read Moving Status	None	None	None	None
l	Limit Polarity	Invert	0-1	None	None
y	Output CR, LF	None	None	None	None
ENCODER COMMANDS					
d	Deadband Enable	Steps	0-255	None	None
e	Encoder Resolution	Line Count	0,50-12750	None	None
f	Find Encoder Mark	Direction	0-1	None	None
h	Hunt Resolution	Microstep Res	0-8	None	None
r	Set Stall Retry Count	Retries	0-255	None	None
s	Stall Factor	Factor	0-255	None	None
t	Stall Test Data	Steps	0-255	None	None
v	Hunt Velocity	Steps/Sec	0, 20-8,000	None	None