



S+  
S-  
D+  
D-  
E+  
E-



Current Table(Peak=RMSX1.4)

Peak	RMS	SW1	SW2	SW3
1.00A	0.71A	on	on	on
1.46A	1.04A	off	on	on
1.91A	1.36A	on	off	on
2.37A	1.69A	off	off	on
2.84A	2.03A	on	on	off
3.31A	2.36A	off	on	off
3.76A	2.69A	on	off	off
4.50A	3.20A	off	off	off

SW4: off=Half Current; on=Full Current

Pulse/rev Table

Pulse/rev	SW5	SW6	SW7	SW8
200	on	on	on	on
400	off	on	on	on
800	on	off	on	on
1600	off	off	on	on
3200	on	on	off	on
6400	off	on	off	on
12800	on	off	off	on
25600	off	off	off	on
1000	on	on	on	off
2000	off	on	on	off
4000	on	off	on	off
8000	off	off	on	off
8000	on	on	off	off
10000	off	on	off	off
20000	on	off	off	off
35000	off	off	off	off

VDC: +18V~+50V



S+  
S-  
D+  
D-  
E+  
E-

**STEPPERONLINE®**

**Digital Stepper Driver DM542T**

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Current Table(Peak+RMSx1.4)

Peak	RMS	SW1	SW2	SW3
1.00A	0.71A	on	on	on
1.45A	1.04A	off	on	on
1.91A	1.36A	on	off	on
2.37A	1.69A	off	off	on
2.84A	2.03A	on	on	off
3.31A	2.36A	off	on	off
3.77A	2.69A	on	off	off
4.50A	3.20A	off	off	off

SW4: off=Half Current; on=Full Current

Pulse/rev Table

Pulse/rev	SW5	SW6	SW7	SW8
200	on	on	on	on
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800	on	off	on	on
1600	off	off	on	on
3200	on	on	off	on
6400	off	on	off	on
12800	on	off	off	on
25600	off	off	off	on
5000	on	on	on	off
3000	off	on	on	off
4000	on	off	on	off
5000	off	off	on	off
8000	on	on	off	off
10000	off	on	off	off
20000	on	off	off	off
35000	off	off	off	off

VDC: 18V~48V

PWR/ALM  
PUL+  
PUL-  
DIR+  
DIR-  
ENA+  
ENA-  
ALM+  
ALM-  
SW8  
SW7  
SW6  
SW5  
SW4  
SW3  
SW2  
SW1  
GND  
+Vdc  
A+  
A-  
B+  
B-