

Module: H01R0	Title: H17R0_Backend.SchDoc	
Description: RGB LED		Revision: 0
		Size: Letter
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		www.hexabitz.com

Tables 7-3 and 7-7 were taken from the DRV8424 datasheet

1 = connect to DVDD, 0 = connect to GND, Hi-Z = unconnected

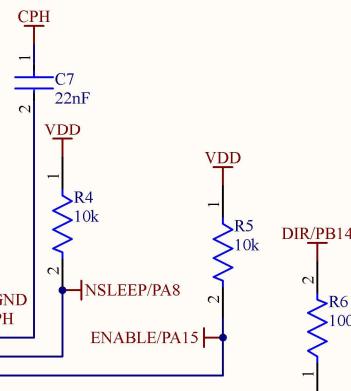
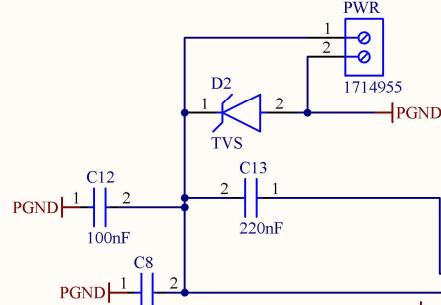


Table 7-3. Microstepping Indexer Settings

		STEP MODE	
MODE0	MODE1	0	Full step (2-phase excitation) with 100% current
0	330kΩ to GND		Full step (2-phase excitation) with 71% current
1	0		Non-circular 1/2 step
Hi-Z	0		1/2 step
0	1		1/4 step
1	1		1/8 step
Hi-Z	1		1/16 step
0	Hi-Z		1/32 step
Hi-Z	330kΩ to GND		1/64 step
Hi-Z	Hi-Z		1/128 step
1	Hi-Z		1/256 step

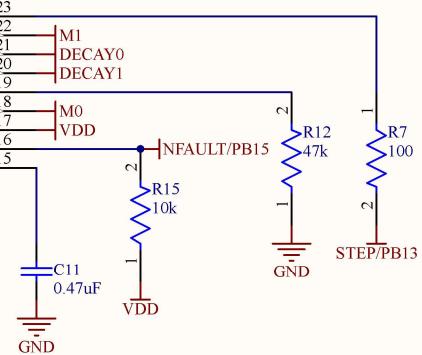
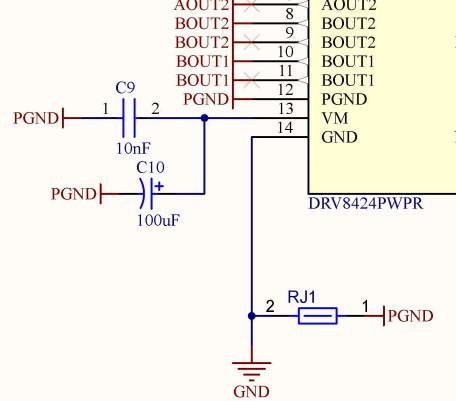
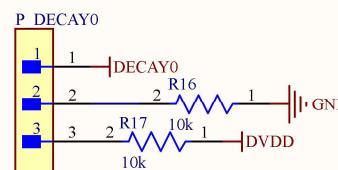
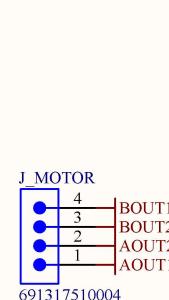
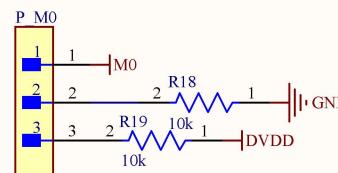


Table 7-7. Decay Mode Settings

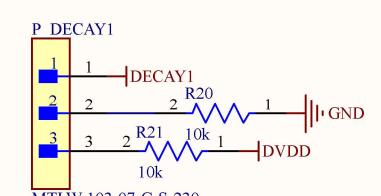
DECAY0	DECAY1	INCREASING STEPS	DECREASING STEPS
0	0	Smart tune Dynamic Decay	Smart tune Dynamic Decay
0	1	Smart tune Ripple Control	Smart tune Ripple Control
1	0	Mixed decay: 30% fast	Mixed decay: 30% fast
1	1	Slow decay	Mixed decay: 30% fast
Hi-Z	0	Mixed decay: 60% fast	Mixed decay: 60% fast
Hi-Z	1	Slow decay	Slow decay



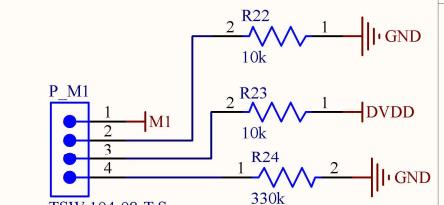
MTLW-103-07-G-S-230



MTLW-103-07-G-S-230



MTLW-103-07-G-S-230



TSLW-104-08-T-S

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