2-Phase Bipolar Stepping Motor Driver Using TB62206FG

Table of component models used in the DesignKit

Code	Classification	Part No.	Manufacturer	SPEC
U1	PWM 2–Phase Bipolar Stepping Motor Driver	TB62206FG	TOSHIBA	40 V/1.8 A (max)
SM1	Stepping Motor	SMJ40-4880-A	FDK CORPORATION	

Simulation files are stored in folders, as shown in list below.

Simulations	Folder name
1. Full Step Switching Sequence...	Full-Step
2. Half Step Switching Sequence..	Half-Step
3. STANDBY...	STANDBY
4. TORQUE...	TORQUE
5. Phase A Over-current Protection..	OCP_A
6. Phase B Over-current Protection..	OCP_B
7. Ripple Current Simulation..	RIPPLE
8. Current Changing Rate Simulation..	I_Step
9. Optimization of The Drive Voltage VM...	VM

※ Please copy the folder named "Simulations" to your PC. Library files (.lib) are added already.

Design document: **2-Phase Bipolar Stepping Motor Driver Using TB62206FG**

Contents