



Bill of Materials for the STK673-010GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Vcc1 Bypass Capacitor	220 μ F /50V	\pm 20%	Radial	SUN ELECTRONICS	50ME220CA	YES	Yes
C2	1	Charge Pump Capacitor	2.2 μ F /50V	\pm 20%	Radial	SUN ELECTRONICS	50ME2R2CA	YES	Yes
C3	1	Vref stabilization Capacitor	0.1 μ F /50V	\pm 10%	Radial	Panasonic	ECQV1H104JL2	YES	Yes
C4	1	Vcc2 Bypass Capacitor	10 μ F /50V	\pm 20%	Radial	SUN ELECTRONICS	50ME10CA	YES	Yes
C5	1	Vcc1 Bypass Capacitor	0.01 μ F /50V	\pm 10%	Radial	Panasonic	ECQV1H103JL2	YES	Yes
R01	1	Resistor to set Vref	-	\pm 1%	-	AKAHANE ELECTRONICS	RN14S****FK	YES	Yes
R02	1	Resistor to set Vref	-	\pm 1%	-	AKAHANE ELECTRONICS	RN14S****FK	YES	Yes
R03-R11	9	Pull-up Resistor	10 k Ω	\pm 5%	-	AKAHANE ELECTRONICS	RN14S103JK	YES	Yes
HIC	1	Hybrid IC	-	-	-	ON Semiconductor	STK673-010-E	NO	Yes
CN	1	Vertical Header	-	-	-	MOLEX	5045-03A	YES	Yes
Slide Switch	1	Dip slide switch	-	-	-	OMRON	A6T-0104	YES	Yes
JP1-7, 9-12	11	Jumper	-	-	-	Mac-Eight	JR-4	YES	Yes

Note: R01 and R02 are used on Vref for current setting. Therefore their value is not mentioned on this table.

Caution: JP8 and 13 do not implement a part.