



Bill of Materials for the LV5683PGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	POWER SUPPLY	-	-	HZIP15	ON Semiconductor	LV5683P	No	Yes
C1,3	2	Vcc capacitor	100uF/50V	±20%	Lead Pitch	Nichicon	UVR1H101MPD	Yes	Yes
C2,4/	6	Vcc capacitor/Vout capacitor	0.22uF/50V	±10%	2012size	Murata Manufacturing	GRM21BR71H224KA01L	Yes	Yes
C5,7,9,11	4	Vout capacitor	10uF/25V	±20%	Lead Pitch	Nichicon	UMA1E100MDD	Yes	Yes
BH1-5	5(*3pins)	Board Header	-	-	-	RS	W81136T3843RC	Yes	Yes
SL1-5	5	Short Link	-	-	-	RS	W8010T50RC	Yes	Yes
TP1-TP15	15	Test points	-	-	-	MAC8	ST-4-2	Yes	Yes