



Bill of Materials for the LV56851UVGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	POWER SUPPLY	-	-	HZIP15	ON SEMICONDUCTOR	LV56851UV	No	Yes
C1	1	Vout capacitor	2.2uF / 50V	20%	Lead Pitch 2mm	Nichicon	UPW1H2R2MDD	Yes	Yes
C2,3,4,9,10	5	Vout capacitor	10uF / 25V	10%	3216	Murata Manufacturing	GRM31CR71E106KA12L	Yes	Yes
C5,7	2	Vcc capacitor	0.22uF / 50V	10%	2012	Murata Manufacturing	GRM21BR71H224KA01L	Yes	Yes
C6,8	2	Vcc capacitor	100uF / 50V	20%	Lead Pitch 3.5mm	Nichicon	UPW1H101MPD	Yes	Yes
R1,2	2	SCL/SDA pull-up resistor	1.5k Ohm	0.5%	1608	Panasonic	ERJ3RBD1501V	Yes	Yes
R3	1	RSTB pull-up resistor	100k Ohm	0.5%	1608	Panasonic	ERJ3RBD1003V	Yes	Yes