ON Semiconductor®

Bill of Materials for the FUSB252GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	CAP CER 0.1UF 25V 10% X7R 0603	0.1uF	10%	603	TDK	TDK C1608X7R1E104K080AA	YES	YES
D1,D2	2	TVS DIODE 5VWM 25VC SLP1006P2				SEMTECH	SEMTECH RCLAMP0521PATCT	YES	YES
D3,D4,D5,D6	4	DIODE ZENER 20V 200MW 1005			1005	COMCHIP	COMCHIP CZRF52C20	YES	YES
D7,D8	2	LED GREEN CLEAR 1206 SMD	GREEN		1206	LUMEX	LUMEX SML-LX1206SUGC-TR	YES	YES
J1	1	CONN RCPT USB3.1 TYPEC 24POS SMD				AMPHENOL	AMPHENOL 12401832E402A	YES	YES
J2	1	CONN PLUG USB3.1 TYPEC BRD EDGE				JAE	JAE DX07P024MJ1R1500	YES	YES
JP1,JP2	2	CONN HEADER 50POS .100" SGL GOLD				SULLINS	SULLINS TSW-150-07-G-S	YES	YES
R1,R2,R3,R4	4	0 Ohm Resistor	0			PANASONIC	PANASONIC ERJ-3GEY0R00V	YES	YES
R5,R6	2	RES SMD 330 OHM 1% 1/10W 0603	330	1%	603	PANASONIC	PANASONIC ERJ-3EKF3300V	YES	YES
TP1 -TP11	11	PC TEST POINT MINIATURE SMT				KEYSTONE	KEYSTONE 5015	YES	YES
U1	1	TYPE-C USB CC WITH D+\D- PORT PR				ON SEMICONDUCTOR	ON SEMI FUSB252UMX	NO	YES