Bill of Materials for the NCV7344A3V1 Evaluation Board

ON Semiconductor®

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
Cbat, Cd3b, Cd5b	3	Ceramic Capacitor SMD	10UF, 50V, X5R	10%	1206	MURATA	GRM31CR61H106KA12L	Yes	Yes
Cvcc, Cvio, Cd3a, Cd5a	4	Ceramic Capacitor SMD	100NF, 50V, X7R	10%	0603	KEMET	C0603C104K5RAC	Yes	Yes
Cesdh, Cesdl	2	Ceramic Capacitor SMD	47PF, 50V, X7R	10%	0603	KEMET	C0603C470J5GAC	Yes	Yes
Cst	1	Ceramic Capacitor SMD	4.7NF	10%	0603	AVX	06035C472KAT2A	Yes	Yes
Rth, Rtl	2	Resistor SMD	62R	1%	1206	WELWYN	WCR 1206 62R	Yes	Yes
Rh, Rl, Rvcc, Rvio	4	Resistor SMD	0.0R		0805	WELVYN	WCR0805-R005JI	Yes	Yes
U1	**1**	**CAN Transceiver**	**NCV7344A3**	**-**	**SOIC8**	**ON SEMICONDUCTOR**	**NCV7344AD13R2G**	**No**	**Yes**
U3	1	Low-Drop Voltage Regulator	3.3 V, 100 mA Low Iq	2%	SOT223	ON SEMICONDUCTOR	NCV4266-2CST33T3G	Yes	Yes
U5	1	Low-Drop Voltage Regulator	5.0 V, 100 mA Low Iq	2%	SOT223	ON SEMICONDUCTOR	NCV4266-2CST33T3G	Yes	Yes
GND	1	SCOPEGND	LINK, SHORTING, 0.4"	-	SCOPEGND	Harwin	D3082F05	Yes	Yes
STB_low	1	HEADER 1 ROW 2 PINS	JUMPER2_TH	-	X2APH	TYCO/AMP	5-826936-0	Yes	Yes