



Bill of Materials for the NCS3600GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
D1	1	Silicon Low-Leakage Diode Array with Common Cathode	-	-	SOT-23	Various	Various	Yes	Yes
S1	1	Pyroelectric infrared sensor PIR	-	-	IRA-E900	Various	Various	Yes	Yes
IC1	1	NCS36000	-	-	SOIC14_N	ON Semiconductor	NCS36000	No	Yes
TP2	1	test point	-	-	X1APH	Various	Various	Yes	Yes
USB1	1	Connector SMD USB Micro Type B middle mount	-	-	USB_Micro-B_Molex_SMD	Various	Various	Yes	Yes
JMP	1	Resistor, chip 0603 [1608 metric]	0E	-	R0603	Various	Various	Yes	Yes
R6	1	Resistor, chip 0603 [1608 metric]	1k	1%	R0603	Various	Various	Yes	Yes
P1	1	3314 - 4 mm Square Trimpot	1M	-	TrimPot_SMD_Bourns_3214G	Various	Various	Yes	Yes
U1	1	LP2992IM5-3.3/NOPB	3.3V; 150mA	-	SOT23-5	Various	Various	Yes	Yes
H1	1	Header 3	4-9V IN	-	HDR1X3	Various	Various	Yes	Yes
C9, C11	2	Non-polarised chip capacitor, 0603[1608 metric]	4u7	1%	0603L	Various	Various	Yes	Yes
R1, R3	2	Resistor, chip 0603 [1608 metric]	10k	1%	R0603	Various	Various	Yes	Yes
C2, C4	2	Non-polarised chip capacitor, 0603[1608 metric]	10n	1%	0603L	Various	Various	Yes	Yes
R4, R7	2	Resistor, chip 0603 [1608 metric]	20k	1%	R0603	Various	Various	Yes	Yes
C1, C3	2	Non-polarised chip capacitor, 1206 [3216 metric]	33u	1%	C1206	Various	Various	Yes	Yes
R5	1	Resistor, chip 0603 [1608 metric]	43k	1%	R0603	Various	Various	Yes	Yes
C5, C6, C7, C8, C10	5	Non-polarised chip capacitor, 0603[1608 metric]	100n	1%	0603L	Various	Various	Yes	Yes
P2	1	3314 - 4 mm Square Trimpot	500k	-	TrimPot_SMD_Bourns_3214G	Various	Various	Yes	Yes
R2	1	Resistor, chip 0603 [1608 metric]	560k	1%	R0603	Various	Various	Yes	Yes
LED	1	LED	LED_0603_Green	-	Surface Mount Chip LED, Green	Various	Various	Yes	Yes
R8	1	Shorting link, 0.4 (10.16 mm)"	Ground bar 10.16mm	1%	D3082	Various	Various	Yes	Yes
JP5	1	Jumper 2	Jumper	-	HDR1X2	Various	Various	Yes	Yes
JP3	1	Jumper 2	Jumper	-	HDR1X2	Various	Various	Yes	Yes