

PROJECT NAME:	FAN3852GEVB: FAN3852UC16X Microphone Pre-Amp Stereo Evaluation Board
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INSTALLED COMPONENTS

Line	Ref Des	Description	Package	Value	Manufacturer	Mfg P/N
1	C1-1, C1-2	CAP SMD 1000 PF X7R 50V 0603	0603	1000 pF	Yageo	CC0603KRX7R9BB102
2	C2-1, C2-2	CAP SMD 0.1 µF X7R 50V 0603	0603	0.1 µF		
3	C3-1, C3-2	CAP SMD 47 PF X7R 6.3V 0603	0603	47 pF	AVX Corporation	06035A470JAT2A
4	J1-1, J2-1, J3-1, J4-1, J5-1, J1-2, J2-2, J3-2, J4-2, J5-2,	Connector Header Through Hole 2 position 0.079" (2.00mm)	Thru-hole	2x1 Male	Sullins Connector Solutions	NRPN021PAEN-RC
5	P3-1, P5-1, P3-2, P5-2	Connector Header Through Hole 2 position 0.100" (2.54mm)	Thru-hole	2x1 Male	Würth Electronics, Inc.	61300211121
6	P1-1, P2-1, P4-1, P1-2, P2-2, P4-2	SMA Connector Receptacle, Female Socket 50 Ohm Board Edge, End Launch Solder	SMA(Tray)	073251-115	Molex, LLC	073251-115
7	P6-1, P6-2	Connector Header Through Hole 3 position 0.100" (2.54mm)	Thru-hole	3x1 Male	Würth Electronics, Inc.	61300311121
8	P7-1, P7-2	4 Position Header Connector 0.100" (2.54mm) Through Hole Tin	Thru-hole	4x1 Female	Sullins Connector Solutions	PPTC041LFBN-RC
9	P8, P9, P10	Banana Jack Connector Standard Banana Solder	Thru-hole	n/a	Keystone Electronics	575-6
10	R1-1, R1-2	RES SMD 2.2K OHM 0.1% 1/10W 0603	0603	2.2K OHM	Panasonic Electronic Components	ERA-3AEB222V
11	R2-1, R2-2	RES SMD 100 OHM 1% 1/16W 0603	0603	100 ohm		
12	R3-1, R3-2	RES SMD 1000 OHM 1% 1/16W 0603	0603	1000 ohm		
13	TP1-1, TP2-1, TP1-2, TP2-2	PC Test Point Compact (BLACK)	Thru	5006	Keystone Electronics	5006
14	TP3-1, TP4-1, TP3-2, TP4-2	PC Test Point Compact (GREEN)	Thru	5121	Keystone Electronics	5121
15	U1, U2	FAN3852 Microphone Pre-Amplifier	BGA	2X3	ON Semiconductor	FAN3852UC16X

ANICAL COMPONENTS (including stiffener, sockets, PEM nuts, screws, heat sinks, land patterns and pin recept)

Line	Ref Des	Description	Package	Value	Manufacturer	Mfg P/N
1	-	Cylindrical bumper , tapered 0.375" (9.53mm) diam. black polyurethane	-	-	3M	SJ61A3

DO NOT INSTALL COMPONENTS (including DUT)

Line	Ref Des	Description	Package	Value	Manufacturer	Mfg P/N
-	-	-	-	-	-	-

DNI Mechanical Components

Line	Ref Des	Description	Package	Value	Manufacturer	Mfg P/N
-	-	-	-	-	-	-

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DATE:	3/28/2019

(PLEASE DISCARD OLD COPIES AFTER RECEIVING OF NEW UPDATES)