U401 — WM8998 / wm8988

Pin	Name
2	DCVDD
3	DBVDD
16	HPVDD
17	AVDD
24	LINPUT1
23	RINPUT1
22	LINPUT2
21	RINPUT2
11	ROUT1
12	LOUT1
14	ROUT2
15	LOUT2
19	VREF
20	VMID
9	HPCOM
10	LCOM
18	AGND
13	HPGND
4	DGND
1	MCLK
5	BCLK
7	LRC
6	DACDAT
8	ADCDAT
25	MODE
26	CSB
27	SDIN
28	SCLK

+3V:1 +3V:1 +3V:1

C403 c-0u1 C404 c-0u1 C402 c-4u7 C401 c-4u7

LINPUT1 C407 c-1u
RINPUT1 C409 c-1u
LINPUT2 C408 c-1u
RINPUT2 C410 c-1u

ROUT1 C412 c-220u
LOUT1 C411 c-220u
ROUT2
LOUT2

C405 c-4u7 C406 c-4u7

HPCOM
LCOM
C421 c-4u7

VDD
GND

CONN401 — cn-header2
1 MCLK_GEN
2 MCLK

MCLK MCLK

U402 — bu2796

+3V:1

C417 c-0u1 C416 c-0u1 C415 c-0u1

Pin	Name
1	AVDD
2	AVDD
14	VDD1
15	VDD1
18	VDD2
4	XIN
5	XOUT
6	TEST
17	VSS2
13	VSS1
3	AVSS
16	UCLK
11	TGCLK
7	TGCLK_SEL2
8	TGCLK_SEL1
9	TGCLK_PD
10	TGCLK_EN
19	VCLK
20	VCLK_PD
12	VCLK_EN

UCLK → MCLK_GEN

C418 c-8p C419 c-8p U403 xtal-12m

TITLE	Codec for Selective Noise Cancelling Headphones
FILE: codec.sch	REVISION: F0
PAGE 2 OF 6	DRAWN BY: Thomas Scarsbrook