





for review: Go over all pins in datasheet Codec CS42528 l²C Address: 0b10011[AD1][AD0](r/w) GND C58 C61 C63 GND GND OSC_OMCK C66 100n -✓ISPDIF_DATA C67 100n C68 100n CX_SDIN1D CX_SDIN1 1
CX_SCLKD CX_SCLK 2
CX_LRCKD CX_LRCK 3
CX_LRCKD CX_LRCK 4 RXP1/GP01 48 RXP2/GP02 47 +373 100n C69 RXP3/GP03 RXP4/GP04 4 VD 5 DGND C70 100n RXP5/GP05 RXP6/GP06 43 RXP7/GPD7 5 7 VLC 7 SCL/CCLK 8 SDA/CDOUT 9 AD1/CDIN AD0/CS VARX 40
AGND 40
LPFLT 39
LPFLT 38
— DMUTEC 40
AQUTA1+
AQUTA1+
AQUTB1+
AQUTB1+
AQUTB2AQUTA2333—DAQUTA-VARX CS_AD1 CS_ADO ADD ADD/CS

CODEC_INT() 11 INT
RST 12 RST
ADD ANN()
ANN() GND R33 1k37 R31 R32 + 1000p C64 C65 C71 C72 T0u T0u T0u T0u GND GND GND GND GND LOCKM 1:0 (see Datasheet Table 21) For PLL filter layout see datasheet Figure 30 +3V3 GND GND R27 R_Small RST L-DADUTA+ CODEC_nRSTD-DADUTB+ ± C42 100π ---DADUTB-GND FILT+ C53 10u L 10u L 10u L 10u L TODO: select proper footprint for electrolytic cap +3V3 optional OMCK 247 OR R2B np/0R R29 X1 ECS-2520MV-xxx-xx Sheet: /Codec/ File: codec.kicad_sch Title: ample/Codec Size: A3 Date: 2023-07-14 KiCad E.D.A. kicad 7.0.4







