Pin	Name	Description	Pin	Name	Description
A1	Unused	Duotone enable (TTL)	B1	−12V	−12 VDC
A2	+12V	+12 VDC	B2	ADC_CLK	ADC clock signal (TTL)
A3	DUOTONE_FB_SEL	Duotone feedback enable (TTL)	B3	GND	Ground
A4	Unused		B4	Unused	
A5	+5V	+5 VDC	B5	+5V	+5 VDC
A6	DUOTONE_FB_MON	Relay monitor for duotone feedback (TTL)	B6	+5V	+5 VDC
A7	DUOTONE_MON	Relay monitor for ADC duotone (TTL)	B7	BIT1	Binary IO bit 1
A8	+5V	+5 VDC	B8	BIT2	Binary IO bit 2 (shared)
A9	DUOTONE_FB_P	Differential duotone feedback +	B9	Unused	
A10	+5V	+5 VDC	B10	Unused	
A11	DUOTONE_FB_N	Differential duotone feedback −	B11	Unused	
A12	NC	Not connected	B12	NC	Not connected
A13	NC	Not connected	B13	NC	Not connected
A14	DUOTONE_FB_MON_DAC	Relay monitor for DAC duotone (TTL)	B14	Unused	
A15	Unused		B15	GND	Reset
A16	+5V	+5 VDC	B16	DAC_CLK	DAC clock signal (TTL)
A17	Unused		B17	GND	Ground
A18	GND	Ground	B18	Unused	
A19	Unused		B19	+5V	+5 VDC
A20	Unused		B20	Unused	
A21	+3.3V	+3.3 VDC	B21	Unused	
A22	DAC_WD	DAC Watchdog alarm (TTL)	B22	GND	Ground
A23	DAC_WD_RTN	DAC Watchdog return	B23	LVDS_CLK_P	Dedicated LVDS clock line +
A24	GND	Ground	B24	LVDS_CLK_N	Dedicated LVDS clock line −
A25	Unused		B25	+3.3V	+3.3VDC
A26	Unused		B26	Unused	
A27	+3.3V	+3.3 VDC	B27	Unused	
A28	Unused		B28	GND	Ground
A29	Unused		B29	LVDS_CLKO_P	Shared LVDS clock line (odd) +
A30	GND	Ground	B30	LVDS_CLKO_N	Shared LVDS clock line (odd) −
A31	REF_P	Reference clock + (output, slots 1, 3, 5)	B31	+3.3V	+3.3 VDC
A32	REF_N	Reference clock − (output, slots 1, 3, 5)	B32	LVDS_CLKE_P	Shared LVDS clock line (even) +
A33	+3.3V	+3.3 VDC	B33	LVDS_CLKE_N	Shared LVDS clock line (even) −
A34	Unused		B34	GND	Ground
A35	GND	Ground	B35	Unused	
A36	Unused		B36	+3.3V	+3.3 VDC
A37	GND	Ground	B37	Unused	
A38	Unused		B38	GND	Ground
A39	+3.3V	+3.3 VDC	B39	Unused	
A40	DUOTONE_P	Differential DuoTone signal +	B40	Unused	
A41	DUOTONE_N	Differential DuoTone signal −	B41	+3.3V	+3.3 VDC
A42	GND	Ground	B42	Unused	
A43	Unused		B43	+3.3V	+3.3 VDC
A44	Unused		B44	Unused	
A45	+3.3V	+3.3 VDC	B45	Unused	
A46	Unused		B46	GND	Ground
A47	Unused		B47	Unused	
A48	GND	Ground	B48	Unused	
A49	Unused		B49	GND	Ground
	Key			Key	
	Key			Key	
A52	Unused		B52	Unused	
A53	+3.3V	+3.3 VDC	B53	Unused	
A54	Unused		B54	+3.3V	+3.3 VDC
A55	Unused		B55	Unused	
A56	GND	Ground	B56	Unused	
A57	Unused		B57	GND	Ground
A58	Unused		B58	Unused	
A59	+5V	+5 VDC	B59	Unused	
A60	Unused		B60	Unused	
A61	+5V	+5 VDC	B61	+5V	+5 VDC
A62	+5V	+5 VDC	B62	+5V	+5 VDC