



OEP A262A3E TRANSFORMER Analogue audio, PCB, general purpose



Stock code

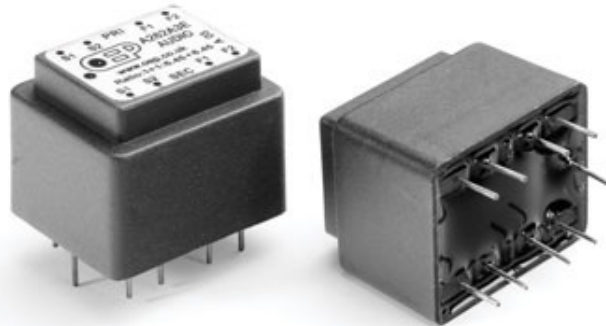
23-053

Brand

OEP (Oxford Electrical Products)

Model number

A262A3E



OEP AUDIO TRANSFORMERS

A range of economically priced PCB mounting transformers, manufactured by OEP in England. A262 types and Z3003E are supplied without screening cans, these are available as an optional extra. Z218 series have fitted mu-metal screening cans, while Z1604 and E187A are unshielded.

Full data and application notes for each type are available from the OEP website at www.oep.co.uk or from Canford Technical Support.



Z21805C

Suitable for microphone input stages optimised for low source impedances (500-1000 ohms), typical of low Rbb bipolar transistors and operational amplifiers such as the LT1208. It can also be used for line level inputs when used in current mode active input circuits. Turns ratio 1:2 tapped at 0.5. Dimensions: 19.5(l) x 16.0(w) x 14.95 (h. above PCB) mm.



Z21806C

Suitable for line level input stages using the current mode or 'zero field' technique. This removes most of the artefacts normally associated with audio transformers whilst retaining the desirable galvanic isolation RFI blocking. Turns ratio 1:1. Dimensions: 19.5(l) x 16.0(w) x 14.95 (h. above PCB) mm.



Z21807C

Suitable for line level input stages (10k – 20k ohm bridging). Turns ratio 1:0.5+0.5. Dimensions: 19.5(l) x 16.0(w) x 14.95 (h. above PCB) mm.



Z21808C

Suitable for microphone input stages optimised for medium source impedances (c. 5k ohms), typical of medium Rbb bipolar transistors and operational amplifiers such as the NE5534. It can also be used for line level inputs when used in current mode active input circuits. Turns ratio 1:6 tapped at 1:1.8. Dimensions: 19.5(l) x 16.0(w) x 14.95 (h. above PCB) mm.



A262A7E, A262A3E, A262A2E

General purpose audio transformers. Features include PCB mount miniature high performance; Interwinding foil screen; Max power: 100mW @ 300Hz, 2.5mW @ 50Hz; Mu-metal screening is available as an accessory. Further details in table below.



Z3003E

Line bridging or output transformer. Features include PCB mount low profile encapsulated; Electrostatic and flux screens. Further details in table below.



Line input transformer. Features include PCB mount miniature; Max power: 2mW. Further details in table below.



Z1604

Line input transformer. Features include PCB mount miniature encapsulated; Return loss: > 19dB 300-3400Hz. Further details in table below.

Specifications

	A262A7E	A262A3E	A262A2E	Z3003E	E187A
Type	General purpose audio			Line bridging or output	Line level input
Dimensions: (L x W x H) mm	28 x 23 x 22	28 x 23 x 22	28 x 23 x 22	32 x 27 x 15	19 x 16 x 16
Turns Ratio:	1+1:1+1	1+1:6.45+6.45	1+1:2+2	1+1:2	1:5+.5
Distortion (THD):	<1% at: 100mW @ 300Hz 1mW @ 30Hz	<1% at: 100mW @ 300Hz 1mW @ 30Hz	<1% at: 100mW @ 300Hz 1mW @ 30Hz	<1% @ +20dBu (Primaries in series)	<1% @ 20Hz 2r
Source Impedance:	600/2k4ohms	150/600ohms	150/600ohms	2.5k/10kohms	600ohms
Optimum Load Impedance:	600/2k4ohms	6.25k/25kohms	600/2.4kohms	10kohms	600ohms C.T.
Frequency Response:	30Hz-35kHz ±1.5dB	30Hz-25kHz ±1.5dB	30-35kHz ±1.5dB	20Hz-20kHz ±0.2dB	200Hz-15kHz
Balance:	>70dB	>60dB	>70dB	>60dB @ 10kHz	>60dB
DC Resistance: (of each primary)	42ohms	10ohms	9.6ohms	870+1187ohms	69ohms
DC Resistance: (of each secondary)	58ohms	535/605ohms	55ohms	2010ohms	97ohms
Isolation: (between windings)	1kV	1kV	1kV	1500V DC	500V DC
Applications:	Input, output and interstage			High impedance bridging	Low level line

Description



OEP Z21805C TRANSFORMER Analogue audio, PCB, mic input
Stock code: [23-062](#)



OEP Z21806C TRANSFORMER Analogue audio, PCB, line input
Stock code: [23-063](#)



OEP Z21807C TRANSFORMER Analogue audio, PCB, bridging input
Stock code: [23-064](#)



OEP Z21808C TRANSFORMER Analogue audio, PCB, mic input
Stock code: [23-065](#)



OEP A262A7E TRANSFORMER Analogue audio, PCB, general purpose
Stock code: [23-061](#)

Description



OEP A262A3E TRANSFORMER Analogue audio, PCB, general purpose

Stock code: **23-053**



OEP A262A2E TRANSFORMER Analogue audio, PCB, general purpose

Stock code: **23-054**



OEP A262CAN TRANSFORMER SCREENING CAN

Stock code: **23-055**



OEP Z3003E TRANSFORMER Analogue audio, PCB, line bridging or output

Stock code: **23-056**



OEP Z30CAN TRANSFORMER SCREENING CAN

Stock code: **23-057**



OEP E187A TRANSFORMER Analogue audio, PCB, line input

Stock code: **23-058**



OEP Z1604 TRANSFORMER Analogue audio, PCB, line input

Stock code: **23-059**

Canford Audio Limited, Elliott House, Crowther Road, Washington, NE38 0BW, UK

UK Sales **0191 418 1122**
International Sales **+44 191 418 1133**