NOTE: U3 output compatible with CMOS type WM8804 input

S/PDIF Input
WM8804_6152_DS20_EV1_REV2
Schematic and Layout

SPDIF Output

S/PAF Output and Matching Network

Load Impedance = 75Ω
NOTE 1: DAC output signal level @ 0dBFS input = -3dBV.
NOTE 2: Outputs are line-level drive only (not to be used to drive headphone or speaker loads).
USB Power / Level Shift

- USB Interface to WM8804 Reset Level Shift
- USB Interface MCU to WM8804 Control Interface Level Shift
- Remove H2 1-2
  In 2-Wire Mode
WM8804_6152_DS20_EV1_REV2
Schematic and Layout

External Power Connections

WM9726 DAC USB Power Supply

USB Interface MCU Power Supply

Power
APPLICATION SUPPORT

If you require more information or require technical support, please contact the Wolfson Microelectronics Applications group through the following channels:

Email: apps@wolfsonmicro.com
Telephone Apps: +44 (0) 131 272 7070
Fax: +44 (0) 131 272 7001
Mail: Applications Engineering at the address on the last page

or contact your local Wolfson representative.

Additional information may be made available on our web site at:

http://www.wolfsonmicro.com
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ADDRESS:
Wolfson Microelectronics plc
Westfield House
26 Westfield Road
Edinburgh
EH11 2QB
United Kingdom

Tel :: +44 (0)131 272 7000
Fax :: +44 (0)131 272 7001
Email :: apps@wolfsonmicro.com