

Title (en)  
A MICROCHIP FOR DRIVING A RESONANT CIRCUIT

Title (de)  
MIKROCHIP ZUR ANSTEUERUNG EINES RESONANZKREISES

Title (fr)  
MICROPUCE POUR COMMANDER CIRCUIT RÉSONANT

Publication  
**EP 4342087 A1 20240327 (EN)**

Application  
**EP 21834857 A 20211215**

Priority  
GB 2021053308 W 20211215

Abstract (en)  
[origin: WO2023111495A1] A microchip (300) for driving a resonant circuit, wherein the resonant circuit is an LC tank, an antenna or a piezoelectric transducer, and wherein the microchip (300) is a single unit which comprises a plurality of interconnected embedded components and subsystems comprising at least an oscillator (315), a pulse width modulation (PWM) signal generator subsystem (329), an analogue to digital converter (ADC) subsystem (318) and a digital to analogue converter (DAC) subsystem (327).

IPC 8 full level  
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CPC (source: EP)  
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