## **DECLARATION**

I certify that this thesis:

- does not incorporate without acknowledgment any material previously submitted for a degree or diploma in any university
- 2. and the research within will not be submitted for any other future degree or diploma without the permission of Flinders University; and
- 3. to the best of my knowledge and belief, does not contain any material previously published or written by another person except where due reference is made in the text.

Signature of student
Signature of student
Print name of studentCooper Wolfden
Date16/10/2023
I certify that I have read this thesis. In my opinion it is/is not (please circle) fully adequate, in scope and in quality, as a thesis for the degree of Bachelor of Engineering (Electrical and Electronic) (Honours). Furthermore, I confirm that I have provided feedback on this thesis and the student has implemented it minimally/partially/fully (please circle).
Signature of Principal SupervisorKennsth Popse
Print name of Principal SupervisorA/Prof. Kenneth Pope
Date16/10/2023