

4-Speed Electric Drive Transmission

Key Features

- Single on-demand electromechanical actuator
- Designed for maximised efficiency
- Predicted 15% reduction in energy consumption on NEDC
- Minimised on-cost and complexity with respect to single-speed
- Easily scalable solution



Software and Control

- Functional software based on Vocis Sienall platform
- Embedded control on Vocis controllers
- To automotive best practice functional safety

Electric Motor (2x inputs):
75Nm, 35kW, 15,000rpm

Latest Developments

- 48V application in development for city car
- Electro-Magnetic Actuation for further cost-down of mechanical system



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