Electric boosting for internal combustion engines

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Trend: engine downsizing
Current solution: superchargers

- Belt-driven
- Exhaust-driven (turbo)
Our solution: E-BOOSTER

Electric boosting device for ICE

Switched Reluctance Motor technology
Unique Selling Points

+ Instant response
+ Easy-install
+ No maintenance
+ Low(er) cost

Electric, Standalone
SRM-based
Current research

✓ Light-weight
✓ Efficient
✓ Cheap to produce

+ Fully customizable

- Downsized SRM / Short boosts
- Speed optimal < 100k RPM
- Off-the-shelf components
Market strategy

Short term (1-3 year):
- Niche market: Tuning community
- Easy access
- Low volume / high margins

Medium term (3-5 year):
- OEMs / Tier 1
- High volume / low margins

Long term (5-year):
- Software/IP
- Other markets