



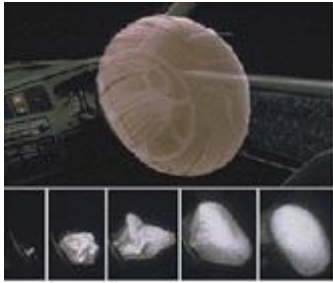
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Smart Firing-ICs for restraint system applications

Smart Firing-IC

Smart Firing-ICs for restraint system applications

Features:

- Two/Four independent squib driver channels
- Thermal and short circuit protection for each high and low side switch
- Current limitation for the firing loops
- Minimum firing current detection
- Squib leakage detection to ground and battery
- Precise squib resistance measurement
- Lost ground detection for all firing channels
- Multiplexed analogue current pin for measurements
- System voltage measurements
- Serial peripheral interface (SPI)

Typelist (for details see [Parameterlist](#))

Product Type	Description	Order Info	To Distributor
TLE 6712G	2 Loop Firing-IC	On Request	
TLE 6714G	4 Loop Firing-IC	On Request	
TLE 6710Q	Restraint System-IC	On Request	

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