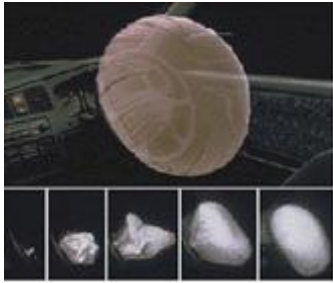




[Home](#) > [Products](#) > [Power Semiconductors](#) > [Application Specific ICs](#) > [Restraint-System-IC](#) > Smart Firing-IC



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	

Login

Username:

Password:

[Forgotten username/
password?](#)

[Not a user yet?](#)

Search for products

[Advanced Parametric Discontinued Search Help!](#)

Add this page/alert me

- Send me an email if this page is updated
- Make this page available from MyInfineon homepage