



High Performance DT-Triac™ Technology Platform

High Voltage & Current DT-Triac™

150 A

1800 V

2200 V

60 A

1600 V

1200 V

30 A

Three Quadrants Operation
Positive Half Cycle

Three Quadrants Operation
Negative Half Cycle

QII QI QIII QIV

I_{GT}^- I_{GT}^+

T1 T2 REF

Features

- Triac for line frequency
- Three Quadrants Operation: QI - QIII
- Planar passivated chip
- Long-term stability of blocking currents and voltages
- Voltage range: 800-2200 V
- Current range: 10-700 A

Applications

- Line rectifying 50/60 Hz
- Softstart AC motor control
- DC Motor control
- Power converter
- AC power control
- Lighting and temperature control

Products	$V_{R/D}/V$	I_{RMS}/A	Package
CLAG6MT1200NHR	1200	60	ISO 247
CLAG6MT1200NHB	1200	60	TO-247
CLAG6MT1200NTZ	1200	60	D3 Pak
CLAG6MU1200NLB	1200	60	SMPD
CMA60MT1600NHR	1600	60	ISO 247



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Efficiency Through Technology

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