

30V N-Channel Enhancement Mode MOSFET

❖ General Description

This N-Channel Logic Level MOSFET has been designed specifically to improve the overall efficiency of DC/DC converters using either synchronous or conventional switching PWM controllers.

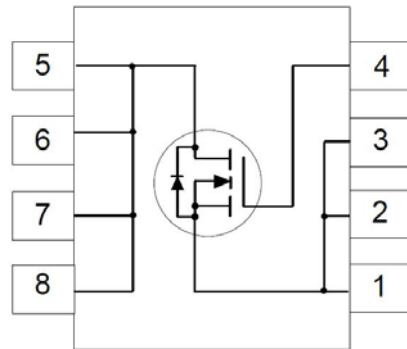
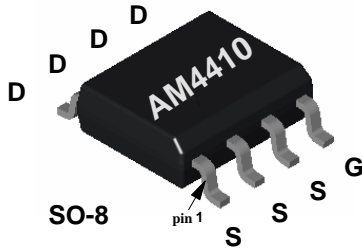
The MOSFET features faster switching and lower gate charge than other MOSFETs with comparable $R_{DS(ON)}$ specifications.

The result is a MOSFET that is easy and safer to drive (even at very high frequencies), and DC/DC power supply designs with higher overall efficiency.

❖ FEATURE

- 10 A, 30 V. $R_{DS(ON)} = 13.5m\Omega @ V_{GS} = 10 V$
 $R_{DS(ON)} = 20m\Omega @ V_{GS} = 4.5 V.$
- Optimized for use in switching DC/DC converters
- with PWM controllers.
- Very fast switching .
- Low gate charge (typical 22 nC).

❖ PIN CONFIGURATION



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<p>AM4410X-X</p> <p>Packing</p> <p>Package</p> <p>MARKING</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>AM4410 YYWWA</p> </div> <p>YY: Year Code WW: Week Code Internal Code</p>	<p>Package S : SOP-8</p> <p>Packing Blank : Tube A : Taping</p>
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