

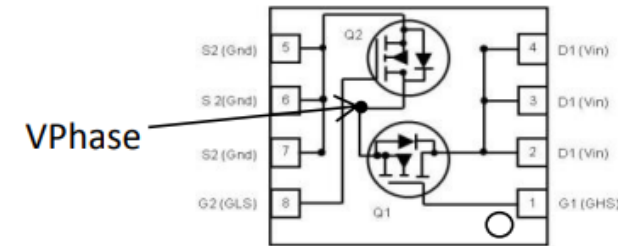
Dual N-Channel OptiMOS™ MOSFET

Features

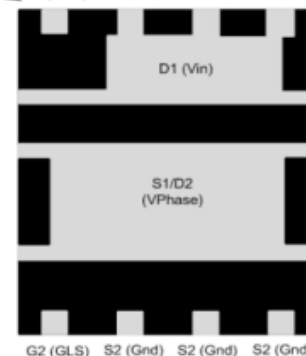
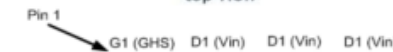
- Dual N-channel OptiMOS™ MOSFET
- Optimized for high performance Buck converter
- Logic level (4.5V rated)
- N-channel
- Qualified according to JEDEC¹⁾ for target applications
- Pb-free lead plating; RoHS compliant
- Halogen-free according to IEC61249-2-21

Product Summary

		Q1	Q2	
V_{DS}		30	30	V
$R_{DS(on),max}$	$V_{GS}=10\text{ V}$	5	1.6	mΩ
	$V_{GS}=4.5\text{ V}$	7	2.1	
I_D		40	40	A



top view



Bottom View



Type	Package	Marking
BSC0921NDI	PG-TISON-8	0921NDI

Maximum ratings, at $T_j=25\text{ °C}$, unless otherwise specified ²⁾