
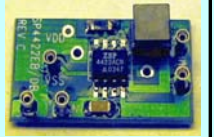








EL Driver Selection Matrix Guide

Zywyn Durel	ZSP4412A	ZSP4422A	ZSP4423	ZSP4425	ZSP4403	ZSP4491
Zywyn EL Driver Featured Specifications	2.2V to 3.6V, 5mA op.current, 160Vpp, Drives 0.5~2.0 sq.in lamp	2.2V to 5.0V, 20mA op.current, 140Vpp, Drives 1.0~10 sq.in lamp	2.2V to 6.0V, 5mA op.current, 150Vpp, Drives 1.0~10 sq.in lamp	1.1V to 1.7V, 2.2V to 3.3V, 30mA op.current, 160Vpp, Drives 0.5~6.0 sq.in lamp	2.2V to 5.0V, 45mA op.current, 195Vpp, Drives 1.0~10 sq.in lamp	2.2V to 6.0V, 30mA op.current, 180Vpp, Drives 1.0~10 sq.in lamp, Single-Coil dual driver
D305						
D306						
D355						
D356B	•	•	•	•	•	
D365A		•	•	•	•	
D368						
D371A		•	•	•	•	•
D372		•	•	•	•	
D381A				•	•	•
D388						
Supertex						
HV809						
HV823						
HV825						
HV826				•	•	•
HV830						
HV831/39						•
HV832						•
HV833		•	•	•	•	
HV839						•
HV850						
HV857				•	•	
NPC						
SM8140A			•	•	•	
SM8141A/B			•	•	•	
SM8142A/B						
SM8143A		•	•	•	•	
SM8144B			•	•	•	
Package Ordering Types	CN = 8-nSOIC CU = 8-MSOP CX = Die in wafflepack	CN = 8-nSOIC CU = 8-MSOP CX = Die in wafflepack	CN = 8-nSOIC CU = 8-MSOP	CN = 8-nSOIC CU = 8-MSOP	EU = 8-MSOP	EU = 10-MSOP
Evaluation Board						
	ZSP4412AUEB (for MSOP pkg) ZSP4412ANEB (for nSOIC pkg)	ZSP4422AUEB (for MSOP pkg) ZSP4422ANEB (for nSOIC pkg)	ZSP4423UEB (for MSOP pkg) ZSP4423NEB (for nSOIC pkg)	ZSP4425UEB (for MSOP pkg) ZSP4425NEB (for nSOIC pkg)	ZSP4403UEB	ZSP4491UEB

This Zywyn selector guide is a general guide for various manufacturers EL drivers which can be replaced by an EL driver from Zywyn. The guide assumes that the application is typical and that the required light level is somewhat flexible. In some cases the replacement setup will require the use of a different coil and even an alternate EL lamp. None of these parts are pin for pin replacements. Evaluation boards tailor-made to custom EL specifications are available.