

ECH8690

Complementary Dual Power MOSFET 60V

Product Overview

For complete documentation, see the data sheet.

ECH8690 is Power MOSFET, 60V, 4.7A, 55m, -60V, -3.5A, 94m, Complementary Dual ECH8 for general purpose switching applications.

Features

- On-State Resistance N-Channel: $R_{DS(on)1}=42\text{ m}\Omega$ (typ.) P-channel: $R_{DS(on)1}=73\text{ m}\Omega$ (typ.)
- Protection diode in
- 4V drive
- Nch+Pch MOSFET

Applications

- This product is general usage and suitable for many different applications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)}$ Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$R_{DS(on)}$ Max @ $V_{GS}=2.5\text{ V}$ (m Ω)	$R_{DS(on)}$ Max @ $V_{GS}=4.5\text{ V}$ (m Ω)	$R_{DS(on)}$ Max @ $V_{GS}=10\text{ V}$ (m Ω)	Q_g Typ @ $V_{GS}=4.5\text{ V}$ (nC)	Q_g Typ @ $V_{GS}=10\text{ V}$ (nC)	C_{iss} Typ (pF)	Package Type
ECH8690-TL-H	0.6099	 	Active	Complementary	Dual	± 60	20	2.6	4.7	1.5	-	74	55	10	18	955	SOT-28 FL/ECH-8