

# Panasonic

## FC6946010R

### Dual N-channel MOS FET

For switching

#### ■ Features

- Low drive voltage: 2.5 V drive
- Halogen-free / RoHS compliant  
(EU RoHS / UL-94 V-0 / MSL : Level 1 compliant)

#### ■ Marking Symbol : V6

#### ■ Basic Part Number : Dual FK390601 (Individual)

#### ■ Packaging

Embossed type (Thermo-compression sealing): 8 000 pcs / reel (standard)

#### ■ Absolute Maximum Ratings Ta = 25 °C

	Parameter	Symbol	Rating	Unit
FET1	Drain-source breakdown voltage	VDSS	60	V
	Gate-source breakdown voltage	VGSS	±12	V
FET2	Drain current	ID	100	mA
	Pulse drain current	IDp	200	mA
Overall	Total power dissipation	PT	125	mW
	Channel temperature	Tch	150	°C
	Operating ambient temperature	Topr	-40 to +85	°C
	Storage temperature	Tstg	-55 to +150	°C

