



POWER CONTROL MODULE
Part: PEPDC (C)2014

10 Channel MOSFET control switch

All *-ND are Digi-Key part codes (Digi-key.com)

All resistors: 1/8W, 5%, (value)EBK-ND

(value)EBK-ND, eg. 47KEBK-ND (47K)

R1-R10: 10k-100k, R11-R20: 0.0k-1k, R21-R24: 1.0k (optional)

TB: term. block, 0.2", ED2612-ND/282837-5-ND/A98082-ND

5.0mm: ED2603-ND/277-1580-ND/ED2565-ND/ED2222-ND

Q1-Q10: N-CH MOSFET, IRFZ14/24/34/44, IRLZ*4 logic

standard= 5V gate, logic =3V gate

C1-C20: signal/power filter, 1.0uF cer. mono.

C21-C23: power filter, electrolytic > 10uF.

LED: any type, 5mm.

REG1: 7808 8V, 7805 5V, TO-220

D1-D10: optional, Q gate