

Motor controllers nomenclature

RD MCT 3 UF 1 A 01 P

Device type

MCT = Motor control technology module

Control technology

- 1 = Digital controller encoder based
- 2 = Digital controller resolver based
- 3 = Digital controller sine current based sensorless
- 4 = Digital controller
- 5 = Digital controller
- 8 = Analog controller gen 1
- 9 = Analog controller gen 2

Package type

- PF = 43 pin flat
- SF = 32 pin flat
- TF = High voltage digital control
- UF = Low voltage digital control

Screening level

- P = Unscreened, 25°C
Electrical test (not for qualification)
- H = Class H per MIL-PRF-38534
- K = Class K per MIL-PRF-38535

Customer specific identification

- Blank = Standard part
- XX = Custom part

Application specific

- B = Standard
- A = Custom

Output voltage

- 0 = 60V
- 1 = 100V
- 2 = 200V
- 3 = 300V
- 4 = 400V
- C = 600V
- G = 1000V
- H = 1200V