Build your PDU with ST

4 subsystem blocks - 42 unique RPNs

POWER MANAGEMENT

Buck regulators
A6983I · A6985F · A6986F

LDOs
LDO40L

PMICs
SPSB100G

Protection
TVS: SM30T35AY · SM4T68AY · SM4T82CAY · SM6T36AY

Schottky: BAT54-Y · STPS10H100SFY · STPS10H60SFY · STPS2L60ZFY · STPS3045DJF-Y · STPS5H100AFY

SiC diode: STPSC10H12G2Y-TR

SBCs
STPM801

Signal conditioning
TSB712A · TSC2010H

POWER DRIVE STAGE

Companion / standby IC
L99SP08

High-side switch with CCM
VN9008AJ

Integrated STi² Fuses
VNF9D1M2Q · VNF9D1M5Q · VNF9D3Q

Power MOSFETs
STK375N4F8AG · STK615N4F8AG · STL059N4S8AG · STL165N4F8AG · STL175N4LF8AG · STL305N4F8AG · STL305N4LF8AG · STL325N4F8AG · STL325N4LF8AG

STi²Fuse gate driver
VNF1248F

Your next PDU
STEVAL-PDUBV1

CONTROL UNIT

Arm MCUs
SR5E1E7 · SR6G7C4 · SR6P3C4

PowerPC MCUs
SPC58EC80C3

Secure elements
ST33K1M5A

WIRED CONNECTIVITY

CAN protection
ESDCAN03-2BWY

CAN transceivers
L9616

Ethernet protection
HSP051-2W3Y