





???????????????????? 50 KB ????????????????? 2 MB ????????? 2 KB ????????????? SIMATIC  
???????????????? CPU ?????????????????????????????????????

??? PROFINET ??

??? PROFINET ?????????? HMI ? PLC-to-PLC ???  
RJ45 ??????? 10/100 ???/???????????????? 16 ?????????????TCP/IP native?ISO on TCP ? S7  
???

SIMATIC S7-1200 ????

SIMATIC S7-1200 ???

????????????????????

SIMATIC S7-1200 ??? PTO ????????? 100 ?????? ??????50  
?? PWM  
??

PLCopen ??????

SIMATIC S7-1200 ??? PLCopen ????????????? SIMATIC  
STEP 7 Basic ?????????????????“home”?“jog”????????????????????????

??????????

???? SIMATIC STEP 7 Basic

?? PID ??

SIMATIC S7-1200 ???? 16 ? PID ??? SIMATIC STEP 7  
Basic ???SIMATIC S7-1200 ?? PID  
??

PID ???????

SIMATIC STEP 7 Basic ???? PID

??

SIMATIC S7-1200PLC???????,SIMATIC S7-1200PLC CPU ????????????????? SIMATIC  
S7-1200PLC???????,SIMATIC S7-1200PLC?1200PLC?????????PROFIBUS ???????RS485?  
RS232 ??????????????????????I/O ??????????????????????????????????????USS ??????Modbus RTU  
???????????????????? SIMATICSTEP 7 Basic ??????????SIMATIC S7-1200PLC?????????,SIMATIC  
S7-1200PLC,1200PLC???????????????????????????????????? CP 1242-7 ??????? HUB?????????????  
Internet?????????????????????S7-1200 ?????? PROFINET ????????????? PROFINET ??????????HMI ???  
PLC ??auto-cross-over?????RJ45  
?????????10/100 Mbit/s ?????????????????????TCP/?????SIMATIC S7-1200 ????????? 6 ????????????? 3



