

packet???????????????????? (switching fabric) ?????????????????? 32kb sram ??????
?????????, ??, ?????? ??????????????1k mac??? ?cpu?????igmp/vlan??
802.1d?????802.1w??????? (qos) ??????qos????, 802.1p vlan ? ipv4 tos/ipv6 cos
4????? rfc2475???diff-serv???? (vlan) ?????vlan?????3? vlan, ?802.1q
tag????16?vlan ????tag?? 802.1q-in-802.1q????????? (security) ??????????,
????????????mac ??, ???? ?8???mac??? ?802.1x??????? (multicast) ?gmrp/gvrp/garp
??? ? ipv4 igmp?ipv6 icmp/mld (multicast listener discovery) ? ????1k??? (?? I2 mac ?)
?8?igmp??ip???? (monitoring) ?rmon?1,2,3,9??? (rfc1213) ??????mib??? (rfc 1643)
????mib??? (rfc 1493) ?????? : ???/???? ????/???? vlan?? ?????? ipv4/ipv6 ?? ipv4/ipv6
tcp/udp ??? ?????? mii?reverse-mii rmii?reverse-rmii ?????eeprom ?? gpio/gpi/gpo
3.3v?????1.8v/2.5v/ 3.3v i/o???? ??????????, ????3.3v?? ?????????????, ???25mhz?????
???????? 128??e-pad lqfp??rohs?? ???????0°c to +70°c

