

FPGA เบอร์ XC6SLX9-2TQG144C

Flash PROM เบอร์ M25P80-VMW6TG

รายการ Pin List

K1 CONNECTOR					
Descriptions	FPGA Pinout	K1 Pinout	K1 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P5	I/O
GND	-	14	13	P7	I/O
GND	-	12	11	P9	I/O
GND	-	10	9	p11	I/O
GND	-	8	7	p14	I/O
GND	-	6	5	P16	I/O
GND	-	4	3	P21	I/O
+3.3V	-	2	1	P23	I/O

K2 CONNECTOR					
Descriptions	FPGA Pinout	K2 Pinout	K2 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P6	I/O
GND	-	14	13	P8	I/O
GND	-	12	11	P10	I/O
GND	-	10	9	p12	I/O
GND	-	8	7	p15	I/O
GND	-	6	5	P17	I/O
GND	-	4	3	P22	I/O
+3.3V	-	2	1	P24	I/O

K3 CONNECTOR					
Descriptions	FPGA Pinout	K3 Pinout	K3 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P124	I/O
GND	-	14	13	P127	I/O
GND	-	12	11	P132	I/O
GND	-	10	9	p134	I/O
GND	-	8	7	p138	I/O
GND	-	6	5	P140	I/O
GND	-	4	3	P142	I/O
+3.3V	-	2	1	P1	I/O

K4 CONNECTOR					
Descriptions	FPGA Pinout	K4 Pinout	K4 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P126	I/O
GND	-	14	13	P131	I/O
GND	-	12	11	P133	I/O
GND	-	10	9	p137	I/O
GND	-	8	7	p139	I/O
GND	-	6	5	P141	I/O
GND	-	4	3	P143	I/O
+3.3V	-	2	1	P2	I/O

K5 CONNECTOR					
Descriptions	FPGA Pinout	K5 Pinout	K5 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P114	I/O
GND	-	14	13	P115	I/O
GND	-	12	11	P116	I/O
GND	-	10	9	p117	I/O
GND	-	8	7	p118	I/O
GND	-	6	5	P119	I/O
GND	-	4	3	P120	I/O
GND	-	2	1	P121	I/O

K6 CONNECTOR					
Descriptions	FPGA Pinout	K6 Pinout	K6 Pinout	FPGA Pinout	Descriptions
GND	-	16	15	P99	I/O
GND	-	14	13	P100	I/O
GND	-	12	11	p101	I/O
GND	-	10	9	p102	I/O
GND	-	8	7	P104	I/O
GND	-	6	5	P105	I/O
GND	-	4	3	P111	I/O
GND	-	2	1	P112	I/O

DIP SWITCH	
Descriptions	FPGA Pinout
DIP1	P112
DIP2	P111
DIP3	p105
DIP4	p104
DIP5	P102
DIP6	P101
DIP7	P100
DIP8	P99

OSC	
Descriptions	FPGA Pinout
OSC	P123

RS232	
Descriptions	FPGA Pinout
TX	P98
RX	P97

SLIDE SWITCH	
Descriptions	FPGA Pinout
SW7(PB6)	P55
SW6	P56
SW5	P57
SW4	P58
SW3	P59
SW2	P61
SW1	P62
SW0	P66

BUZZER	
Descriptions	FPGA Pinout
BUZZER	P83

FLASH PROM	
Descriptions	FPGA Pinout
MOSI->D	P64
MISO(DIN)->Q	P65
CSO_B->S'	P38
CCLK->C	P70

7-SEGMENT	
Descriptions	FPGA Pinout
a	P41
b	P40
c	P35
d	P34
e	P32
f	P29
g	P27
p	P26
COMMON3	P30
COMMON2	P33
COMMON1	P43
COMMON0	P44

LED	
Descriptions	FPGA Pinout
L7	P67
L6	P74
L5	P75
L4	P78
L3	P79
L2	P80
L1	P81
L0	P82

LOGIC MONITOR	
Descriptions	FPGA Pinout
MN7	P84
MN6	P85
MN5	P87
MN4	P88
MN3	P92
MN2	P93
MN1	P94
MN0	P95

PUSH BUTTON SWITCH	
Descriptions	FPGA Pinout
PB1	P45
PB2	P46
PB3	P47
PB4	P48
PB5	P51
PB6(SW7)	P55
VRCLK	P50