

MICROCONTROLORE NXP-FREESCALE MC9S08QG8**SCHEMA TARGET : LED6PB3T-BTG****6 INDICATORI A LEDS + 3 PULSANTI + Trimmer.****SCHEMA ELETTRICO****ELENCO COMPONENTI**

CF : 100nF 10% Ceramico Multilayer

CP : 10μF 16VI Elettrolitico Alluminio

JH1 : Target USBDM Header 6x2 poli maschio

U1 : MCU FREESCALE: M9S08QG8 DIL16

P1/P2/P3 : Pulsante Tact Switch

RV1 : Trimmer Monogiro 10 Kohm

R1..R6 = RL : 150 ohm 5% 1/4W

DL1/DL2/DL3 : Diodo led ROSSO da 3 mm

DL4 : Diodo led GIALLO da 3 mm

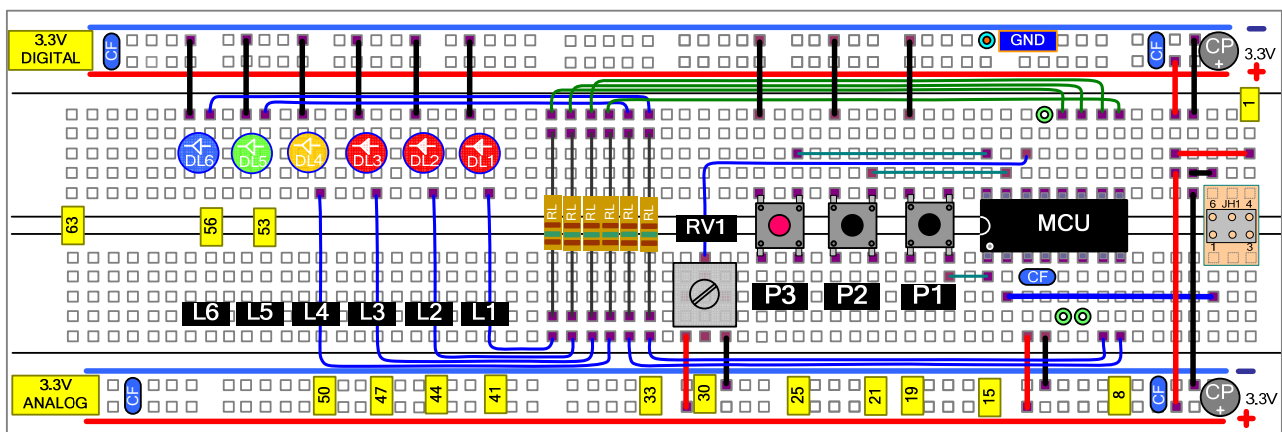
DL5 : Diodo led VERDE da 3 mm

DL6 : Diodo led Bianco - Blu da 3 mm

MC9S08QG8 PINOUTS

PTA5/IRQ/TCLK/RESET	1	16	PTA0/KBIP0/TPMCH0/ADP0/ACMP+
PTA4/ACMPO/BKGD/MS	2	15	PTA1/KBIP1/ADP1/ACMP-
V _{DD}	3	14	PTA2/KBIP2/SDA/ADP2
V _{SS}	4	13	PTA3/KBIP3/SCL/ADP3
PTB7/SCL/EXTAL	5	12	PTB0/KBIP4/RxD/ADP4
PTB6/SDA/XTAL	6	11	PTB1/KBIP5/TxD/ADP5
PTB5/TPMCH1/SS	7	10	PTB2/KBIP6/SPSCK/ADP6
PTB4/MISO	8	9	PTB3/KBIP7/MOSI/ADP7

16-PIN ASSIGNMENT
PDIP

CABLAGGIO SU BREAD BOARD

GND Pin di Massa

Pin MCU liberi

JH1
BDM STANDARD
HEADER

GND	Reset	+VT
6	4	
1	3	

BKGD