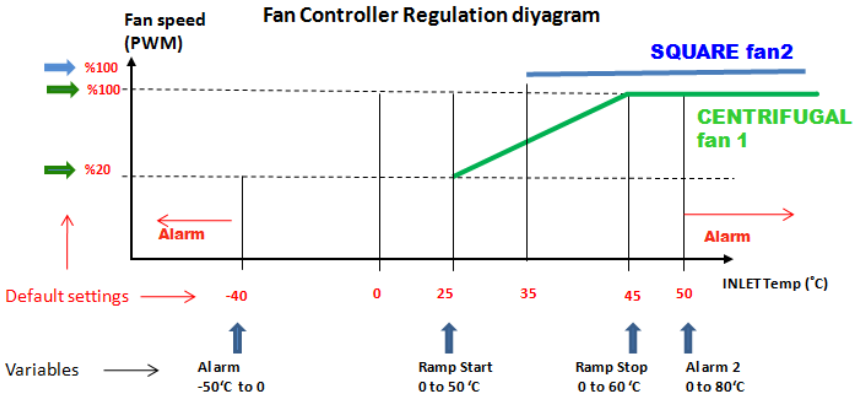
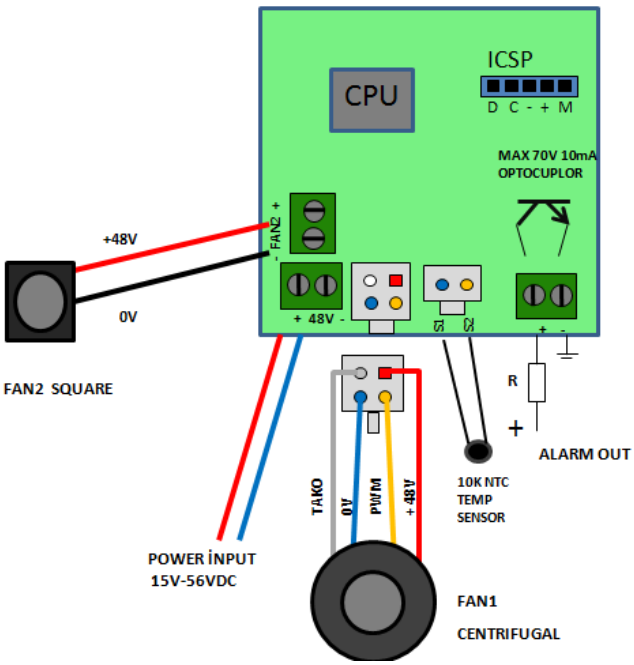
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TİCARET VE LİMİTED ŞİRKETİ

DC2I2 FAN CONTROLLER





DC2I2

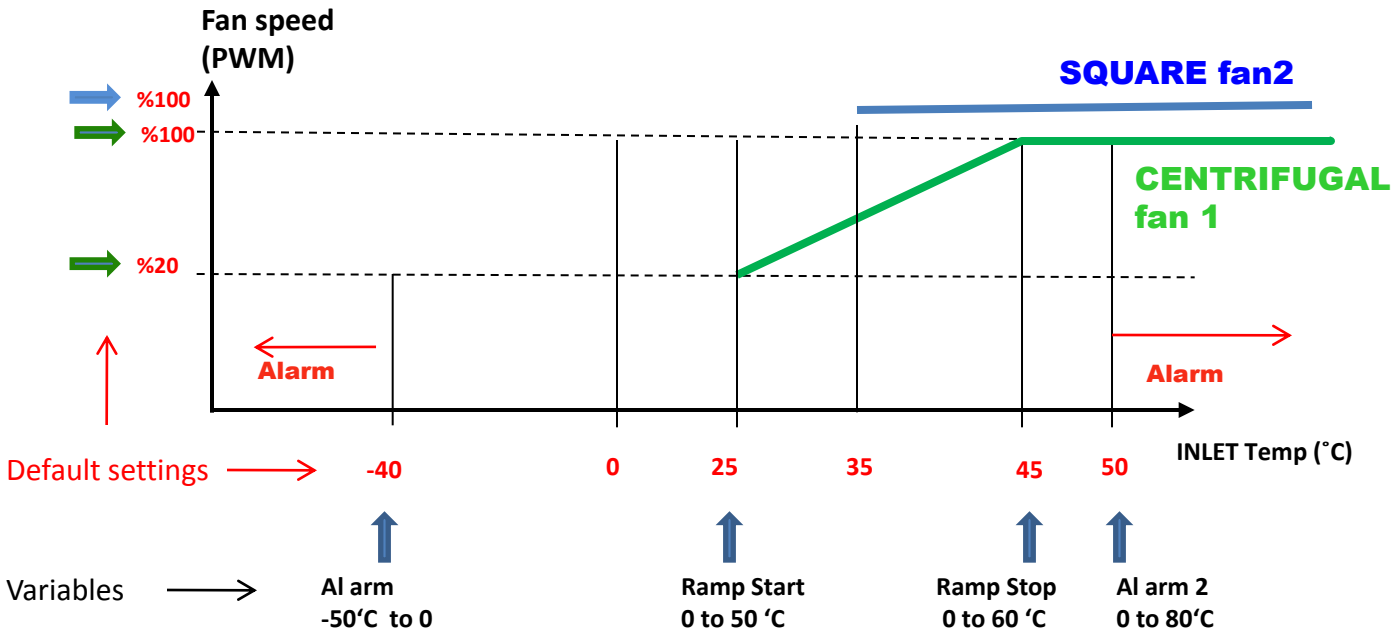


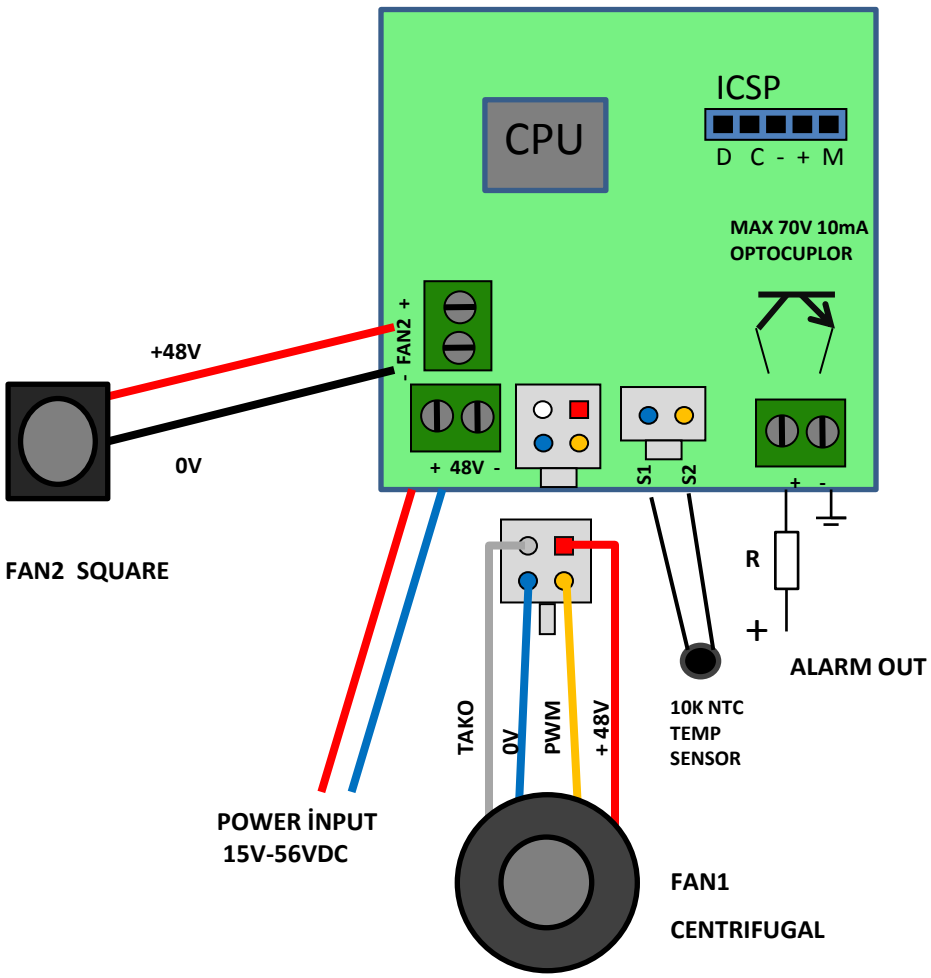
PCBA LAYOUT

SPECIFICATIONS

* Accepts two fans
• Speed control of 4-wire Centrifugal fan
• On of control of Square fan
* Simultaneously controls each fans
*ICSP communication interfaces
* Field configurable controller
* Programmable alarm thresholds & fan curve
* Optocuplor alarm output
* Power & Alarm LEDs with external connections
* Isolated Fan and Logic power domains
* Fan failure detection and prediction
* Board can pass up to 5A continuously to fans
* 15V to56V input voltage range with no modifications
* 25KHz PWM signal for 4-wire fan control
* Fans controlled using NTC temperature
* Over and Lover temperature alarm fan control
* NTC connection check sytem
* Centrifugal fan failure detection

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Fan speed
(PWM)
%100
%100
%20
SQUARE fan2
CENTRIFUGAL
fan 1
Alarm
Alarm
INLET Temp (˚C)
Default settings
-40
0
25
35
45
50
Variables
Al arm
-50‘C to 0
Ramp Start
0 to 50 ‘C
Ramp Stop
0 to 60 ‘C
Al arm 2
0 to 80‘C


CPU
ICSP
D C - + M
MAX 70V 10mA
OPTOCUPLOR
FAN2 +
-
+48V
0V
+ 48V -
S1
S2
+ -
FAN2 SQUARE
R
+
ALARM OUT
TAKO
0V
PWM
+ 48V
10K NTC
TEMP
SENSOR
POWER İNPUT
15V-56VDC
FAN1
CENTRIFUGAL