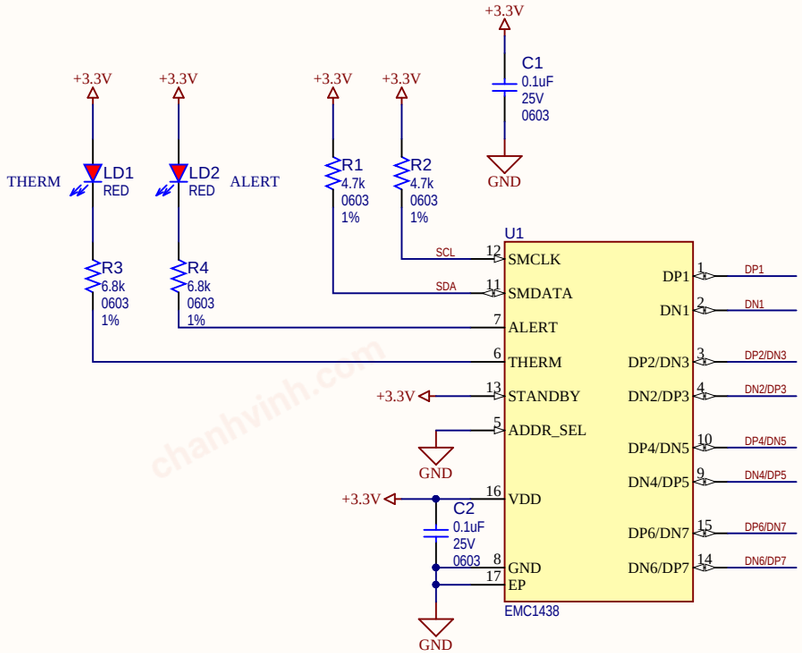
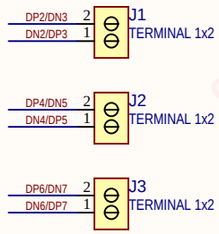
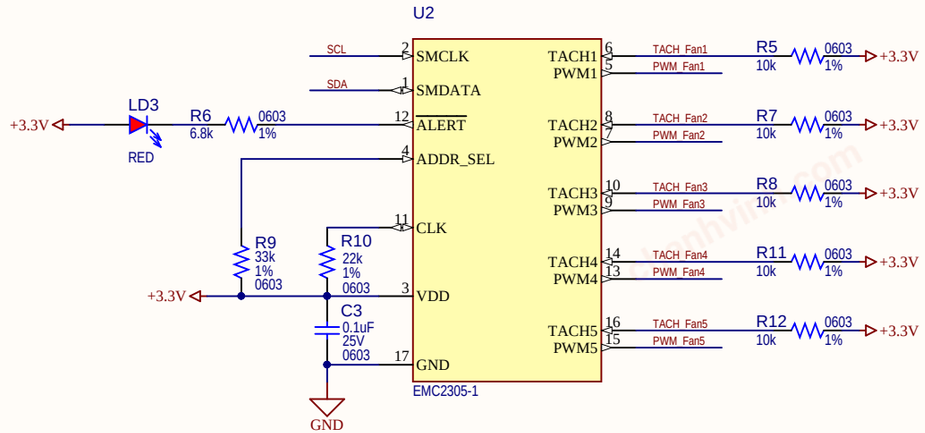
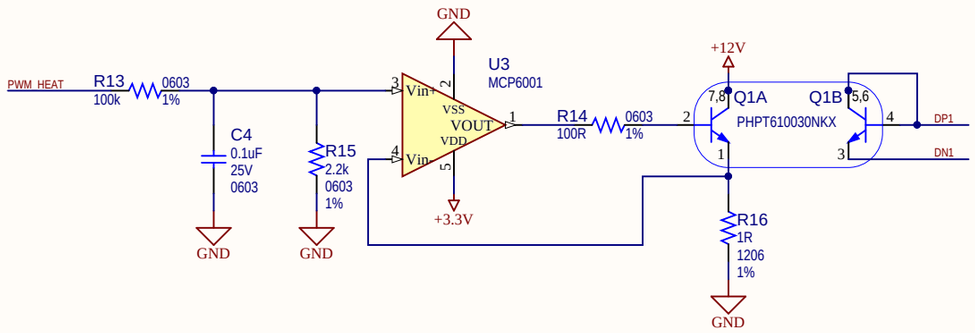
chanhvinh.com

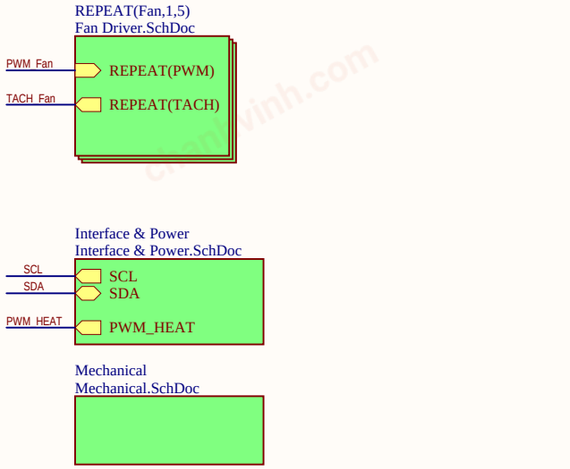
REV	ECO#	DESCRIPTION	DATE

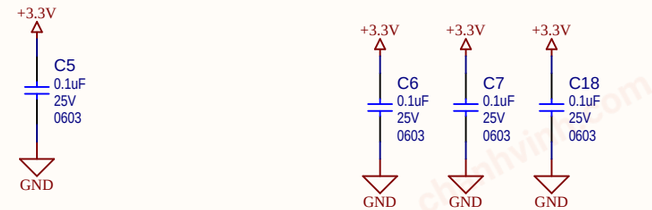






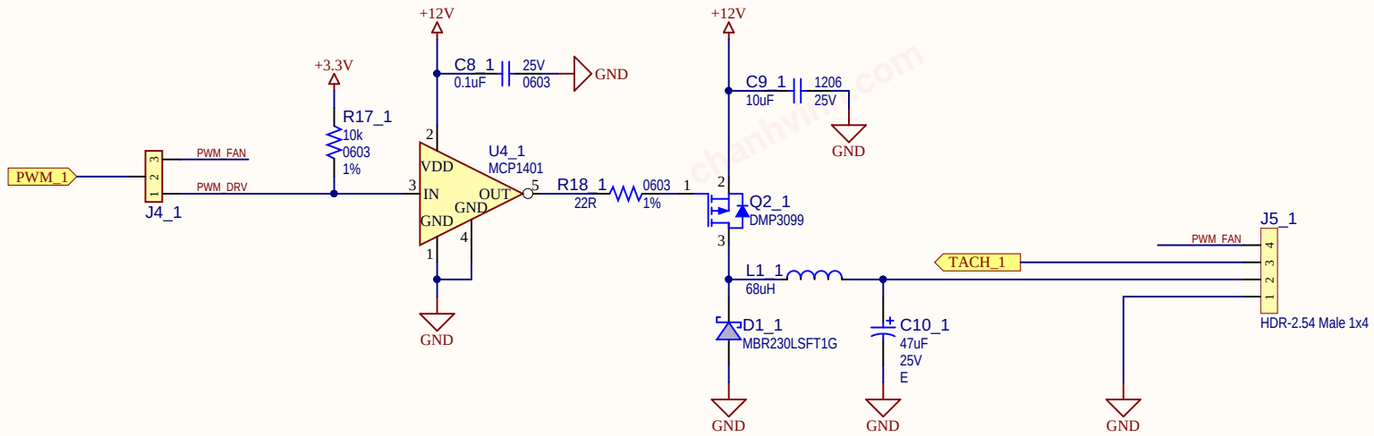






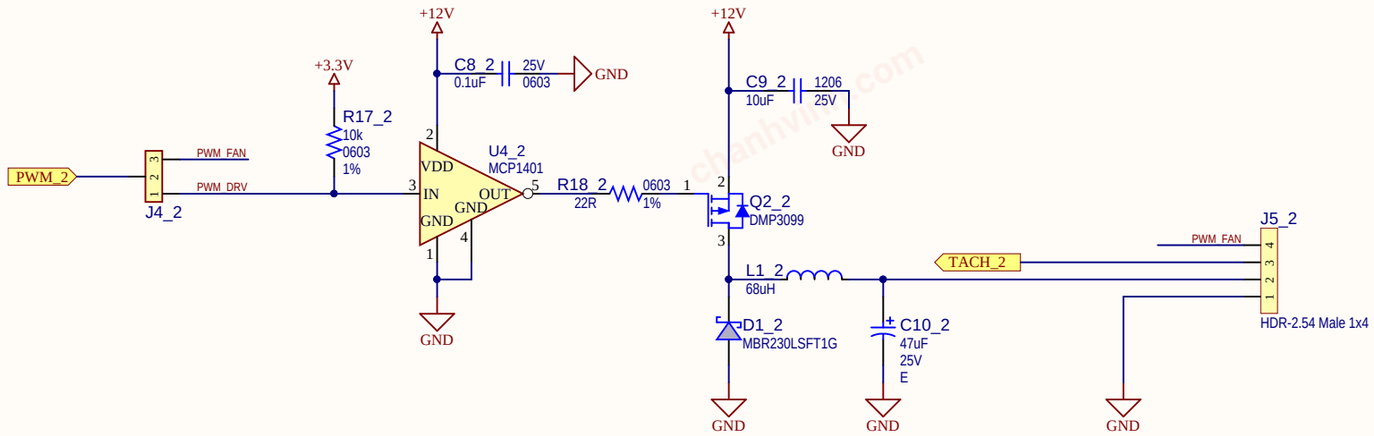
Drawn By: Bogdan Popescu	MICROCHIP
Engineer: Bogdan Popescu	
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*
Sheet Title: EMC2305 & EMC1438	Designed with Altium
Size: B / Sch #:03-10737 / Revision:3	Date: 10/18/2018 11:33:24 AM / Sheet 1 of 4
File: EMC2305 & EMC1438.SchDoc	Altium.com

chanhvinh.com



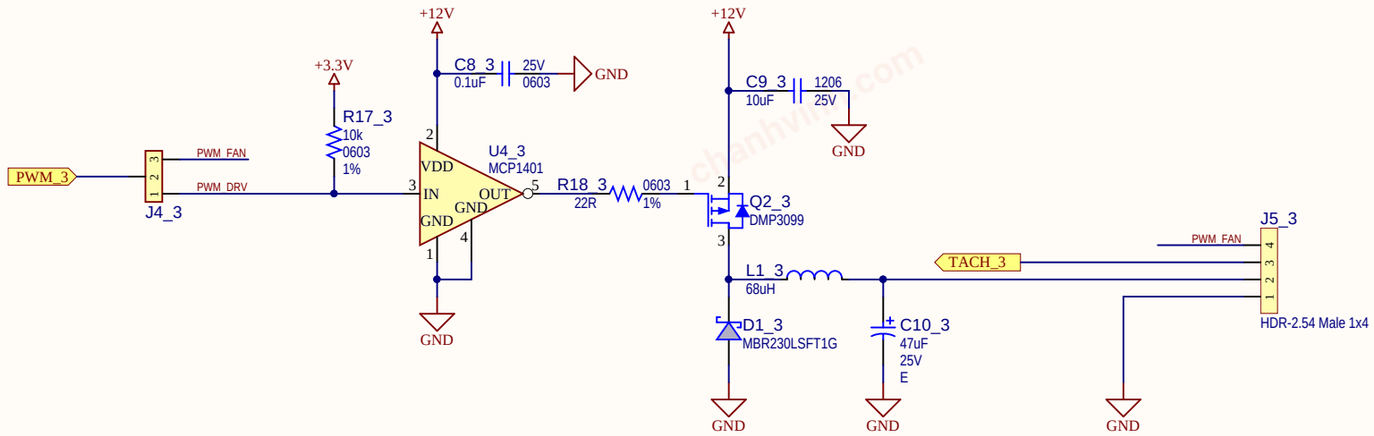
Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Fan Driver			Designed with Altium — Altium.com
Size: B	Sch #: 03-10737	Date: 10/18/2018 11:33:24 AM	
	Revision: 3	Sheet 2 of 4	
File: Fan Driver.SchDoc			

chanhvinh.com



Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Fan Driver			Designed with Altium — Altium.com
Size: B	Sch #:03-10737	Date: 10/18/2018 11:33:24 AM	
	Revision:3	Sheet 2 of 4	
File: Fan Driver.SchDoc			

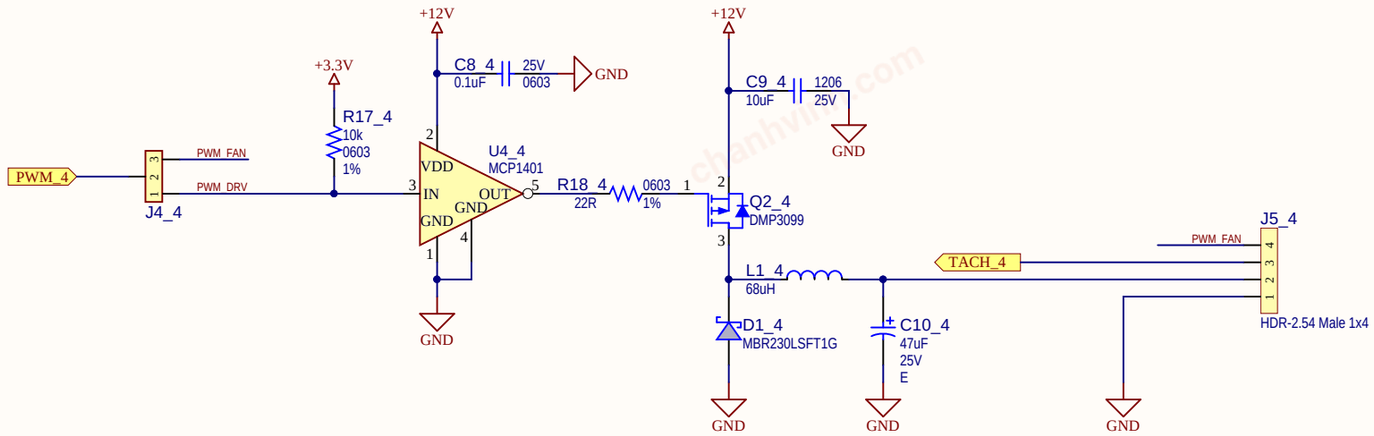
chanhvinh.com



chanhvinh.com
chanhvinh.com
chanhvinh.com
chanhvinh.com
chanhvinh.com

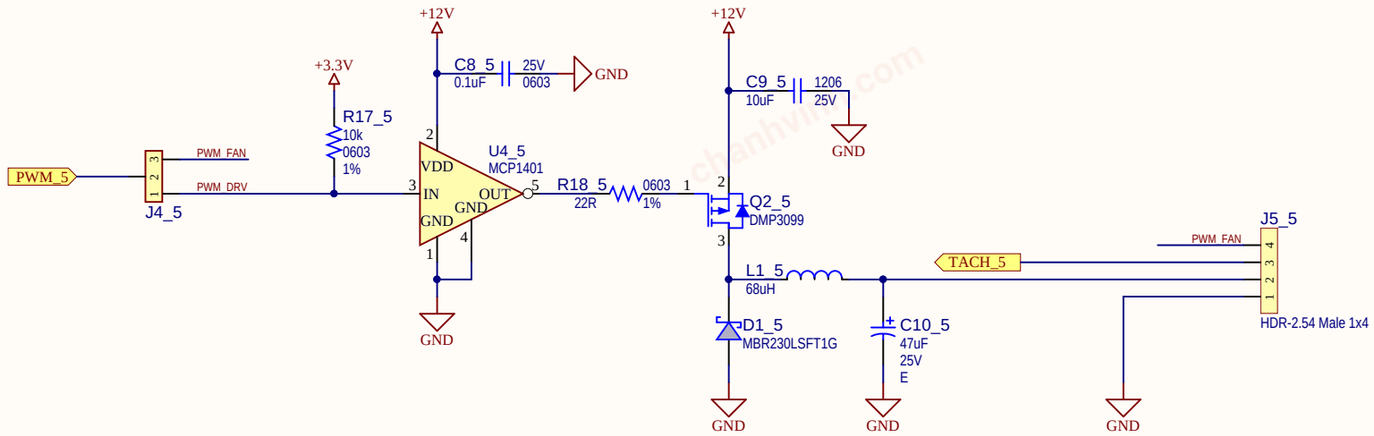
Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Fan Driver			Designed with Altium — Altium.com
Size: B	Sch #: 03-10737	Date: 10/18/2018 11:33:24 AM	
	Revision: 3	Sheet: 2 of 4	
File: Fan Driver.SchDoc			

chanhvinh.com



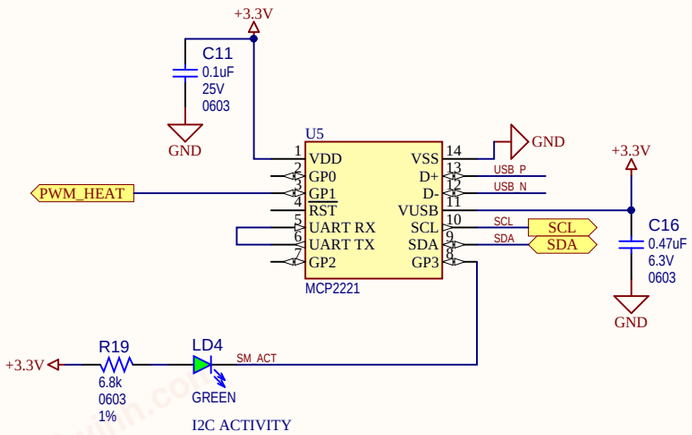
Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Fan Driver			Designed with Altium — Altium.com
Size: B	Sch #: 03-10737	Date: 10/18/2018 11:33:25 AM	
	Revision: 3	Sheet 2 of 4	
File: Fan Driver.SchDoc			

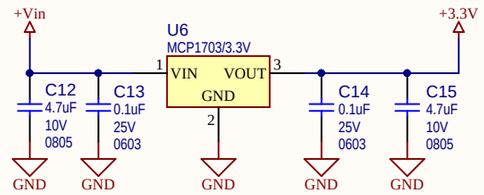
chanhvinh.com

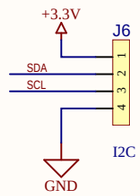


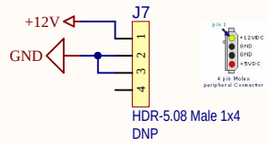
Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Fan Driver			Designed with Altium — Altium.com
Size: B	Sch #: 03-10737	Date: 10/18/2018 11:33:25 AM	
	Revision: 3	Sheet 2 of 4	
File: Fan Driver.SchDoc			

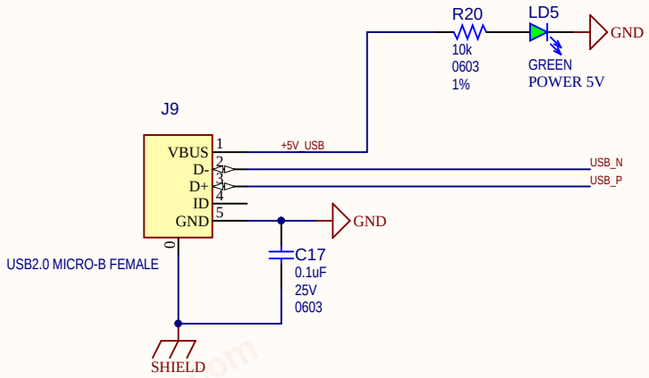
chanhvinh.com

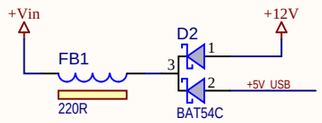


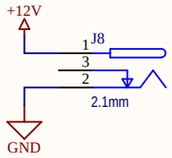


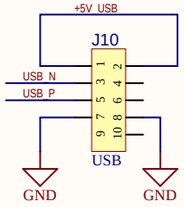




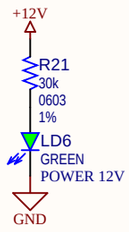










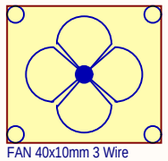


Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Interface & Power			Designed with Altium
Size: B	Sch #:03-10737	Date: 10/18/2018 11:33:25 AM	Altium.com
	Revision:3	Sheet 3 of 4	
File: Interface & Power.SchDoc			

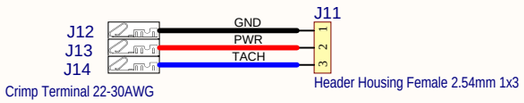
chanhvinh.com

REV	ECO#	DESCRIPTION	DATE

FAN1



FAN 40x10mm 3 Wire



Crimp Terminal 22-30AWG

Header Housing Female 2.54mm 1x3

PAD1
RUBBER PAD D9.4 H4.8

PAD2
RUBBER PAD D9.4 H4.8

PAD3
RUBBER PAD D9.4 H4.8

PAD4
RUBBER PAD D9.4 H4.8

SCR1
Screw M3x16mm Nylon

SCR2
Screw M3x16mm Nylon

SCR3
Screw M3x16mm Nylon

SCR4
Screw M3x16mm Nylon

STANDOFF1
Standoff M3 Nylon 10mm

STANDOFF2
Standoff M3 Nylon 10mm

STANDOFF3
Standoff M3 Nylon 10mm

STANDOFF4
Standoff M3 Nylon 10mm

NUT1
Nut M3 Nylon

NUT2
Nut M3 Nylon

NUT3
Nut M3 Nylon

NUT4
Nut M3 Nylon

CBL1



USB Male-A to Male Micro-B

JP1 JP2 JP3 JP4 JP5

Shunt 2.54mm 1x2 Handle

BRACKET1

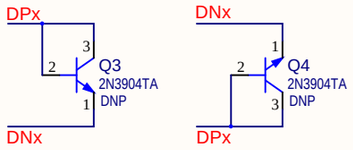


PCI Bracket DNP

SCR5
DNP
Phillips Screw 1/4"

SCR6
DNP

Example of remote diodes using NPN transistors



LABEL1



Label Need Help Large

Drawn By: Bogdan Popescu			
Engineer: Bogdan Popescu			
PartNumber: ADM00879	Project Title: *EMC2305 & EMC1438 Fan Controller Demo*		
Sheet Title: Mechanical			Designed with Altium
Size: B	Sch #:03-10737	Date: 10/18/2018 11:33:26 AM	Altium.com
	Revision:3	Sheet 4 of 4	
File: Mechanical.SchDoc			

chanhvinh.com