

Channel Mode selector
Used to generate the DEx/REx signals from the SPI channel of the MCU.

Truth Table of MIDDS Channels		
DE	RE	Mode
0	0	Off
0	1	LVDS Input
1	0	LVDS Output
1	1	TTL Input/Output

SP3T Bidirectional Analog Switch

Table 8-1. Function Table		
IN2	IN1	COM TO NO, NO TO COM
L	L	OFF
L	H	COM = NO0
H	L	COM = NO1
H	H	COM = NO2

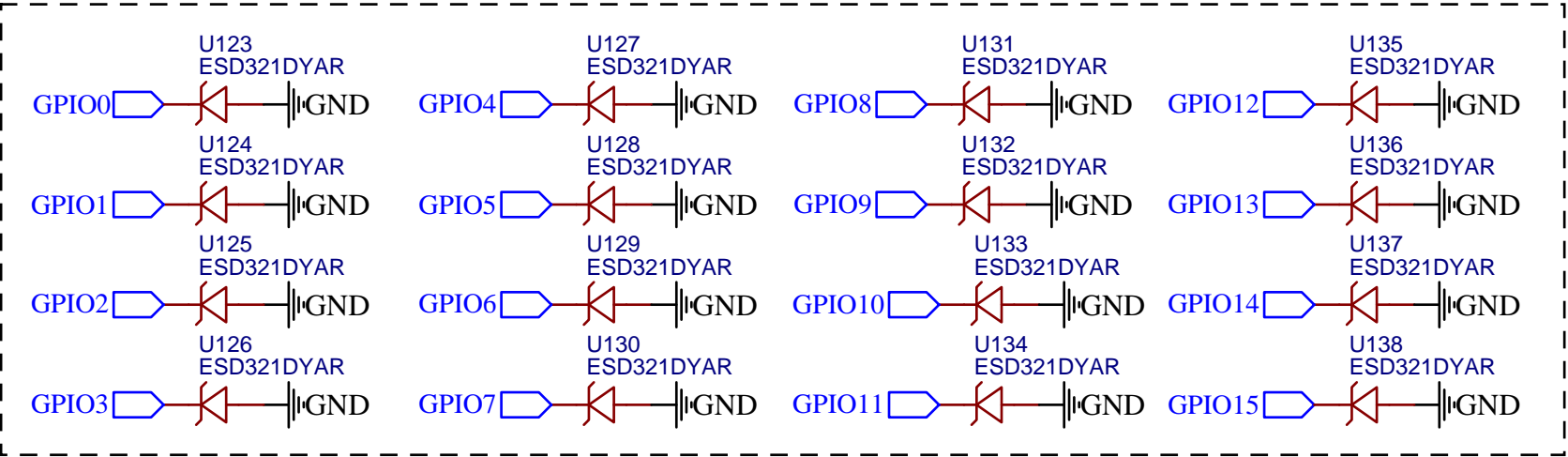
TS5A3359DCUR Truth Table

LVDS driver and receiver

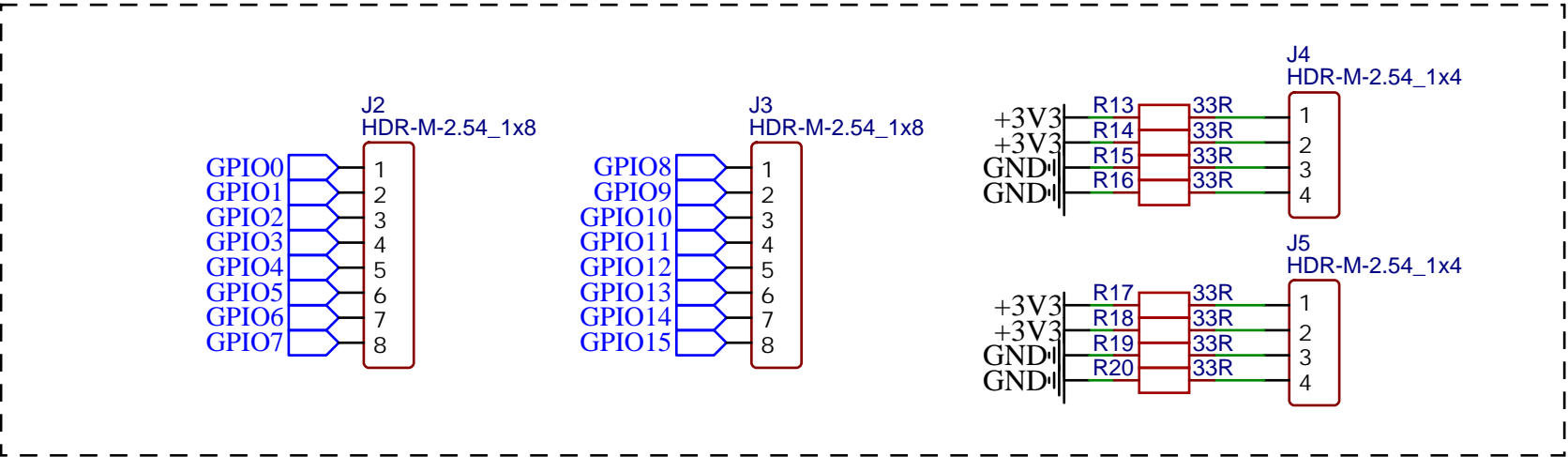
MODE SELECTED	DE	RE
DRIVER MODE	H	H
RECEIVER MODE	L	L
TRI-STATE MODE	L	H
FULL DUPLEX MODE	H	L

LVDS modes
Off
Used for TTL mode.

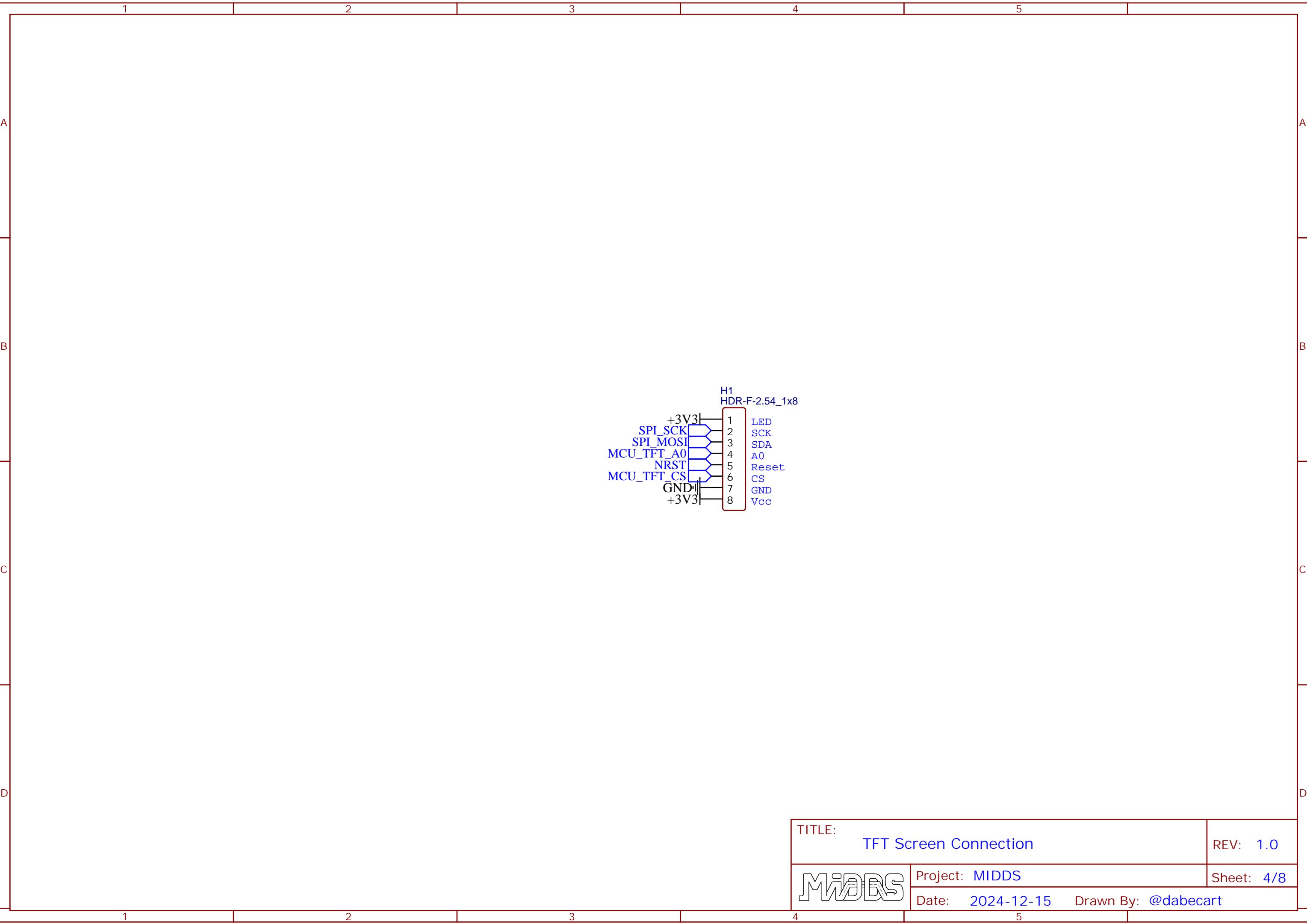
DS90LV019TMTCX Truth Table




GPIO Protection TVS



GPIO Headers Connectors



TITLE: TFT Screen Connection		REV: 1.0
	Project: MIDDS	Sheet: 4/8
	Date: 2024-12-15 Drawn By: @dabecart	

