GPIO Header connection (IDT 7134 version)

Direction	Bridge Signal	GPIO Name	N	N	GPIO Name	Bridge Signal	Direction
		3.3V DC	1	2	5V DC		
Bidirectional	/RESTART	GPIO02(SDA1,I2C)	3	4	5V DC		
OUT	/R_CE	GPIO03(SCL1,I2C)	5	6	GND		
OUT	R_R/W	GPIO04	7	8	GPIO14(TXD0)	SerTX	OUT
		GND	9	10	GPIO15(RXD0)	SerRX	IN
OUT	RA11	GPIO17	11	12	GPIO18	RA10	OUT
OUT	R_OE	GPIO27	13	14	GND		
OUT	RA8	GPIO22	15	16	GPIO23	RA9	OUT
		3.3V DC	17	18	GPIO24	RA0	OUT
OUT	RA1	GPIO10	19	20	GND		
OUT	RA3	GPIO09	21	22	GPIO25	RA2	OUT
OUT	RA5	GPIO11	23	24	GPIO08	RA4	OUT
		GND	25	26	GPIO07	RA6	OUT
Bidirectional	ID_DATA	ID_SD(I2C EEPROM DATA)	27	28	ID_SC(I2C EEPROM CLK)	ID_CLK	OUT
Bidirectional	RA7	GPIO05	29	30	GND		
Bidirectional	RD6	GPIO06	31	32	GPIO12	RD7	Bidirectional
Bidirectional	RD5	GPIO13	33	34	GND		
Bidirectional	RD3	GPIO19	35	36	GPIO16	RD4	Bidirectional
Bidirectional	RD1	GPIO26	37	38	GPIO20	RD2	Bidirectional
		GND	39	40	GPIO21	RD0	Bidirectional