

ATtiny85 DCC Multi-Funktions-Dekoder

Ref Name	Qty	Component	Value	Package	Andere Reichelt	Description
ISP1, ISP2	2	1x3 Lötpad				Area for ISP-Connector
CPOL, ACK	2	1x2 Lötpad				Soldering area
J1	1	1x7 Lötpad				Soldering area
T1 ... T4	4	NPN-Transistor	2N2222 BC847	SOT23-3	2N 2222A SMD BC 847C SMD	NPN-Transistor
BR1	1	Bridge Rectifier		MYS40	MYS 40 DIO	Bridge Rectifier
C1	1	Capacitor	10µ/25V	1206	GRM31CD71H106K	Capacitor
C2, C3, C6	3	Capacitor	100n	0603	KEM 0603 100N-2	Capacitor
C9	1	Capacitor	22µ/10V	0603	GRM188R61A226M	Capacitor
D1	1	DIODE_SMD		SOD123	MBR0530T1G ONS	Schottky diode
F1	1	FUSE PTC SMD		1210	LITT MICROSMD010	Fuse
R1, R2, R3, R4	4	Resistor SMD small	depending on LEDs/load	0603		RESISTOR
R11, R12, R13, R14	4	Resistor SMD small	4k7	0603	SMD-0603 4,7K	RESISTOR
R15	1	Resistor SMD small	22k	0603	SMD-0603 22K	RESISTOR
R16	1	Resistor SMD small	120R	1206	WAL WR12X1200FTL	RESISTOR, mind 150R
R19	1	Resistor SMD small	4R7	1206	SMD 1/4W 4,7	RESISTOR
IC1	1	78XXS	78L05	SOT89	L78L05ACU STM	VOLTAGE REGULATOR
IC2	1	ATtiny85		SOT	ATTINY 85-20 SU	ATtiny85
PCB	1	ATtiny-MuFuDec 1.0			Aisler	PCB