

PCMflash module 31

Mitsubishi K-Line/Bootloader /

ЭБУ Mitsubishi с К-линией

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PCMflash

Engine Control Unit

MH8102F



+12V	T1: 41, 53, 54	GND	T1: 40
Vpp	T1: 66	K-LINE	T1: 67

KAWASAKI

pcmflash.ru

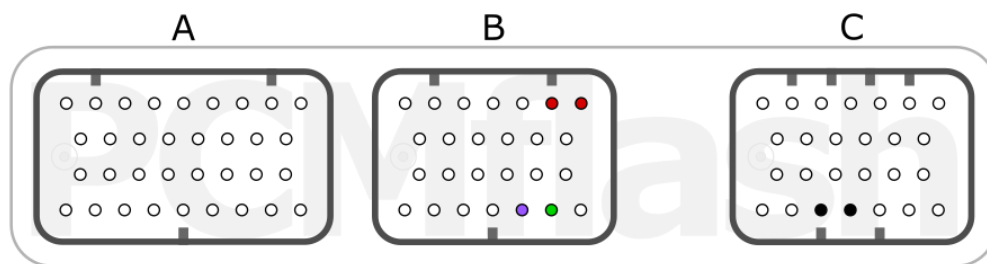
v.1

2025-11-12

PCMflash

Engine Control Unit

MH8115F



+12V	B: RED	GND	C: BLACK
Vpp	B: PURPLE	K-LINE	B: GREEN

KAWASAKI

pcmflash.ru

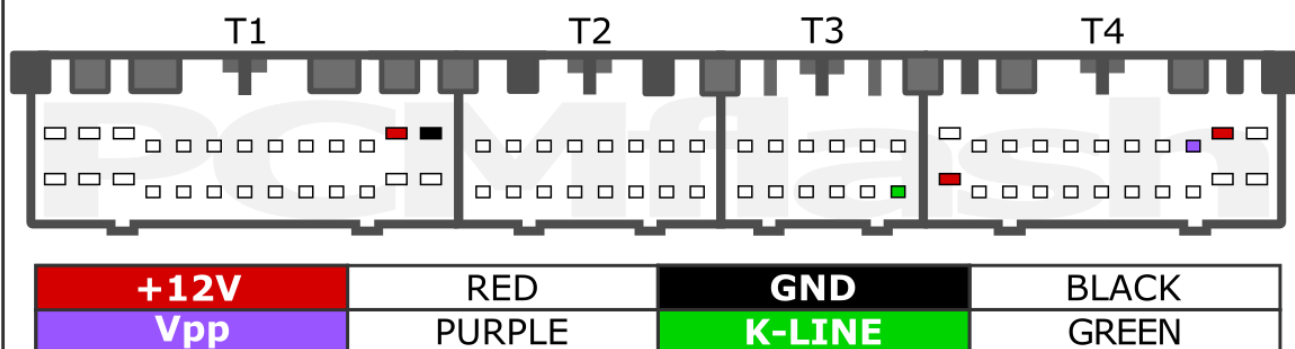
v.2

2025-05-05

PCMflash

Engine Control Unit

MH7203FA/MH8206F



KIA/HYUNDAI (1999-2005)

pcmflash.ru

v.2

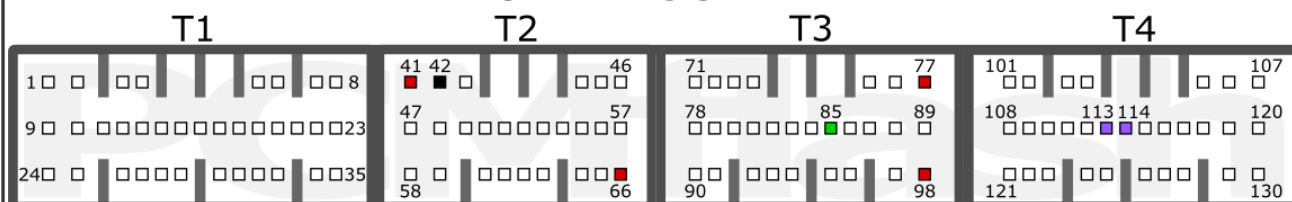
2025-05-05

PCMflash

Engine Control Unit + Transmission Control Unit

MH7202A + MH7202A

HYUNDAI SONATA II



+12V	T2: 41, 66; T3: 77, 98	GND	T2: 42
Vpp	T4: 113, 114	K-LINE	T3: 85

HYUNDAI SONATA II (2000-2003)

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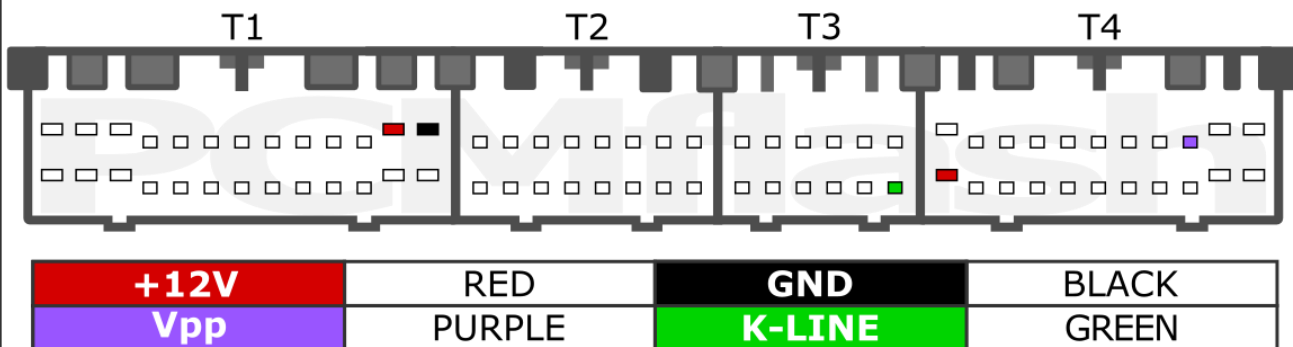
v.2

2025-05-05

PCMflash

Engine Control Unit

MH7201F/MH7202F/MH7203FA



MITSUBISHI

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v.2

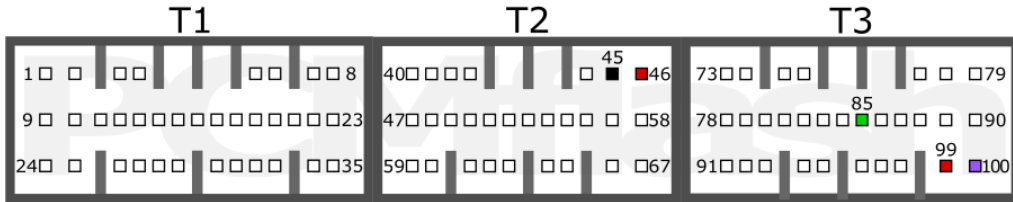
2025-05-05

PCMflash

Engine Control Unit

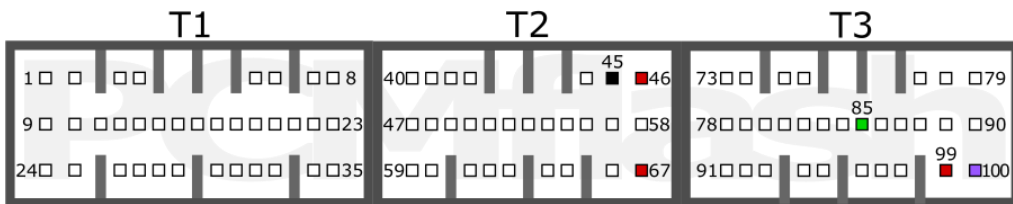
MH8201F

CARISMA, PAJERO PININ MT (GDI)



+12V	T2: 46; T3: 99	GND	T2: 45
Vpp	T3: 100	K-LINE	T3: 85

LANCER EVO IX



+12V	T2: 46, 67; T3: 99	GND	T2: 45
Vpp	T3: 100	K-LINE	T3: 85

CARISMA

LANCER EVO IX

PAJERO PININ MT (GDI)

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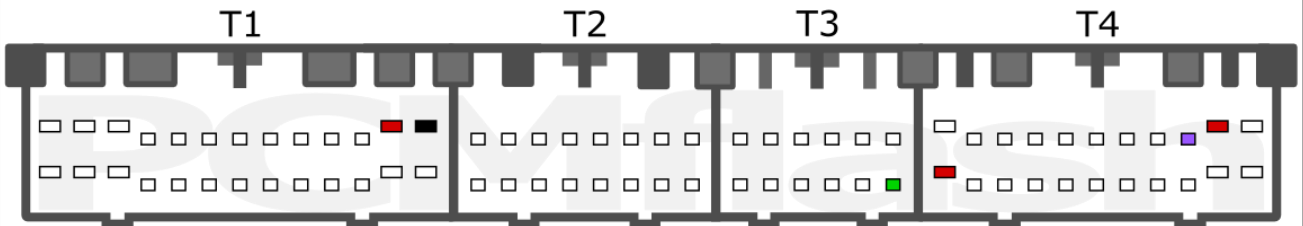
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8206F



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN

LANCER EVO V, EVO VI, EVO VII, EVO VIII, LANCER IX | PAJERO 2.5-3.2, TR4

pcmflash.ru

v.2

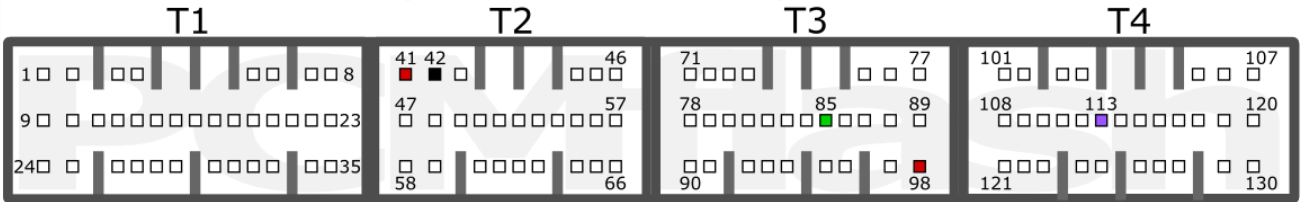
2025-05-05

PCMflash

Engine Control Unit

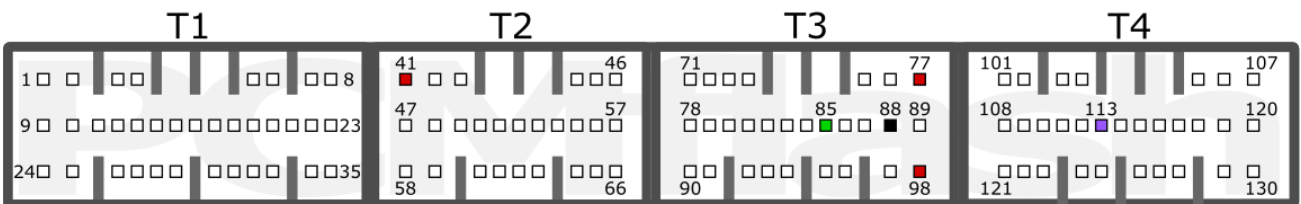
MH8302F

CARISMA, LANCER 2.0 NA, OUTLANDER I



+12V	T2: 41; T3: 98	GND	T2: 42
Vpp	T4: 113	K-LINE	T3: 85

PAJERO 3.0-3.8L



+12V	T2: 41; T3: 77, 98	GND	T3: 88
Vpp	T4: 113	K-LINE	T3: 85

CARISMA

LANCER 2.0 NA

OUTLANDER I

PAJERO 3.0-3.8L

pcmflash.ru

v.2

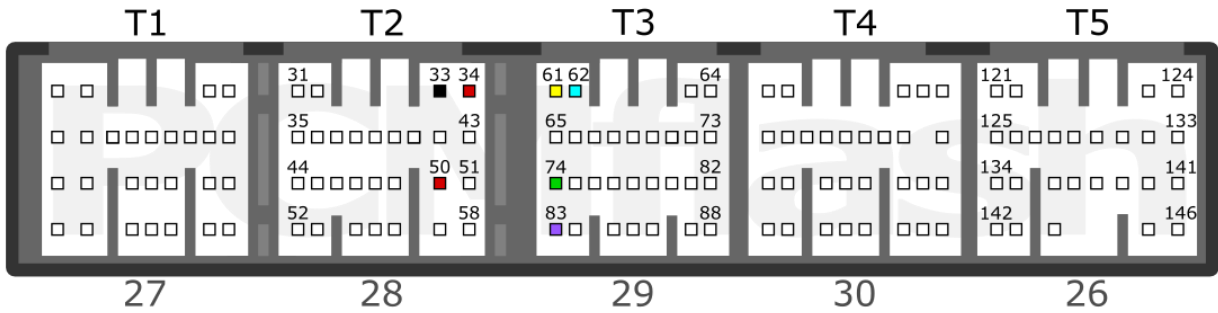
2025-05-05

PCMflash

Engine Control Unit

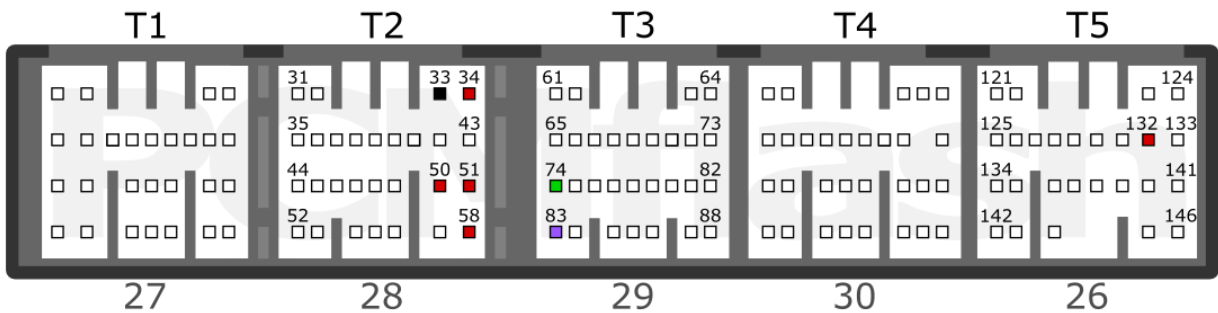
MH8304

OUTLANDER 4G69 MIVEC 2003-2007, PAJERO V8(V9) 2007-2008



+12V	T2: 34, 50	GND	T2: 33
Vpp	T3: 83	K-LINE	T3: 74
CAN-L	T3: 62 (Not used)	CAN-H	T3: 61 (Not used)

GRANDIS 2.4L



+12V	T2: 34, 50, 51, 58; T5: 132	GND	T2: 33
Vpp	T3: 83	K-LINE	T3: 74

GRANDIS 2.4L

OUTLANDER 4G69 MIVEC 2003-2007

PAJERO V8(V9) 2007-2008

pcmflash.ru

v.2

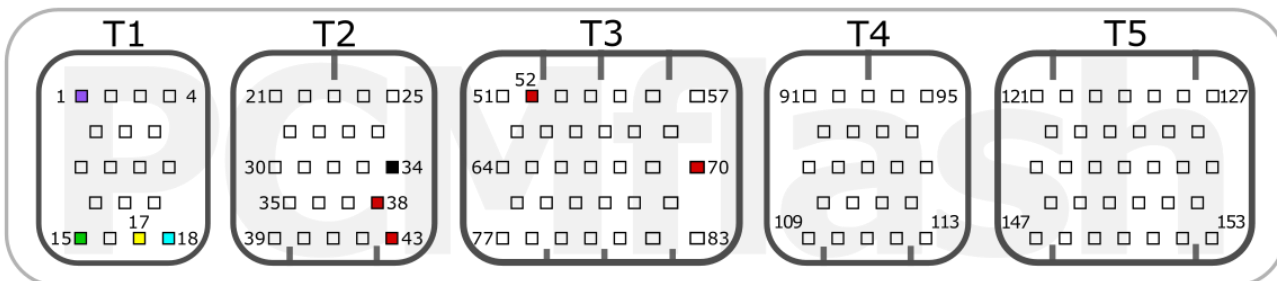
2025-05-05

PCMflash

Engine Control Unit

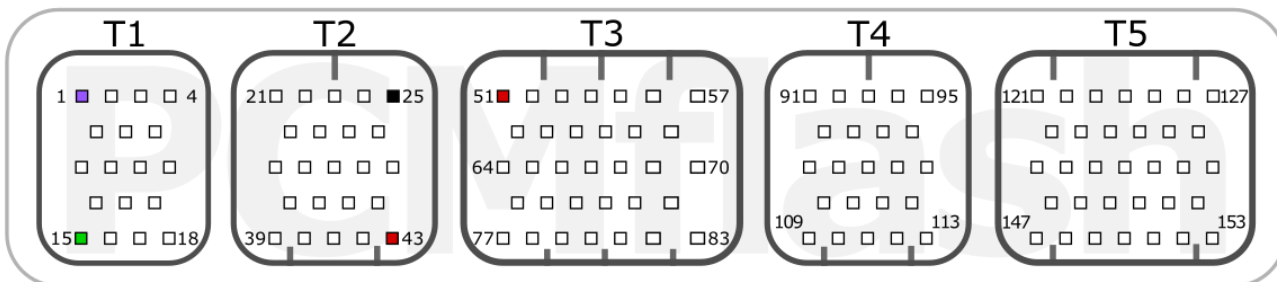
MH8302F

COLT (2003)



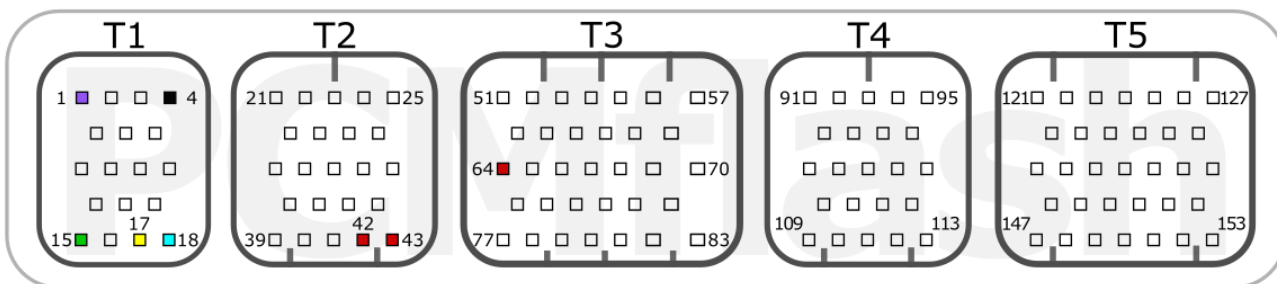
+12V	T2: 38, 43; T3: 52, 70	GND	T2: 34
Vpp	T1: 1	K-LINE	T1: 15
CAN-L	T1: 18 (Not used)	CAN-H	T1: 17 (Not used)

ECLIPSE 3.8



+12V	T2: 43; T3: 51	GND	T2: 25
Vpp	T1: 1	K-LINE	T1: 15

GALANT



+12V	T2: 42, 43; T3: 64	GND	T1: 4
Vpp	T1: 1	K-LINE	T1: 15
CAN-L	T1: 18 (Not used)	CAN-H	T1: 17 (Not used)

COLT (2003)

ECLIPSE 3.8

GALANT

pcmflash.ru

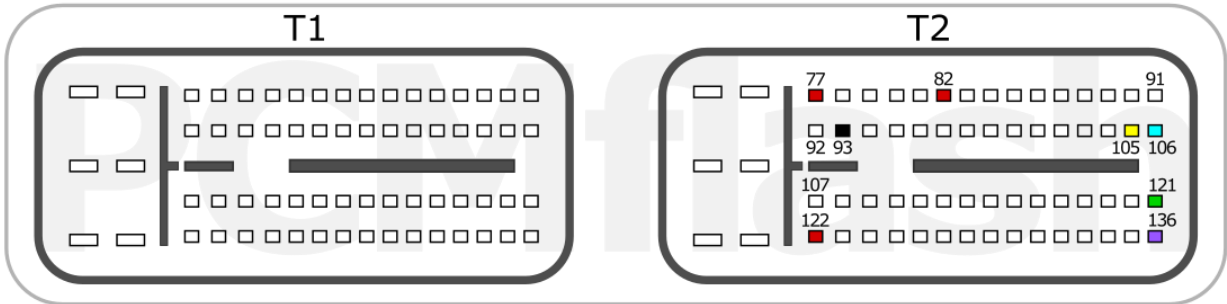
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8304F



+12V	T2: 77, 82, 122	GND	T2: 93
Vpp	T2: 136	K-LINE	T2: 121
CAN-L	T2:106 (Not used)	CAN-H	T2:105 (Not used)

COLT Z3X (2004-2011)

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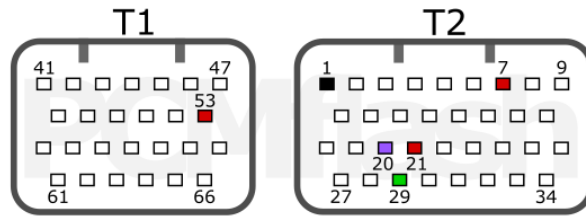
v.2

2025-05-05

PCMflash

Transmission Control Unit

MH8102F



+12V	T1: 53; T2: 7, 21	GND	T2: 1
Vpp	T2: 20	K-LINE	T2: 29

MITSUBISHI LANCER X 1.5L, 1.6L 4AT (2007-)

pcmflash.ru

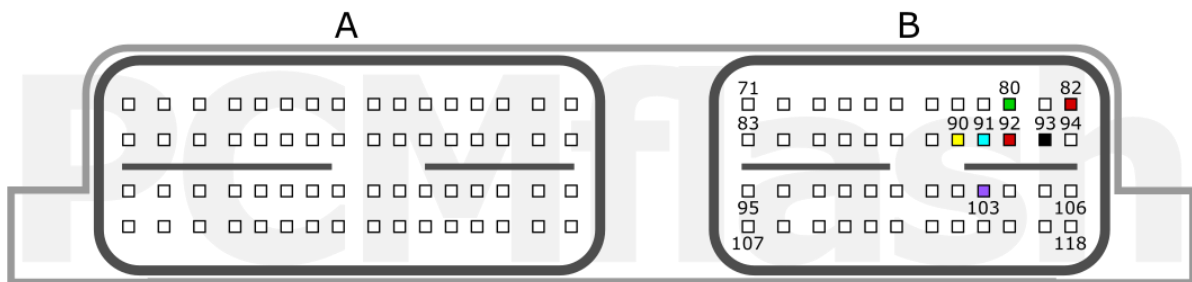
v.2

2025-04-06

PCMflash

Engine Control Unit

MH8104F/8106F/8115F



+12V	B: 82, 92	GND	B: 93
Vpp	B: 103	K-LINE	B: 80
CAN-L	B:91 (Not used)	CAN-H	B:90 (Not used)

ASX

LANCER X (EVO X)

OUTLANDER 2.4-3.0

pcmflash.ru

v.3

2026-02-11

PCMflash

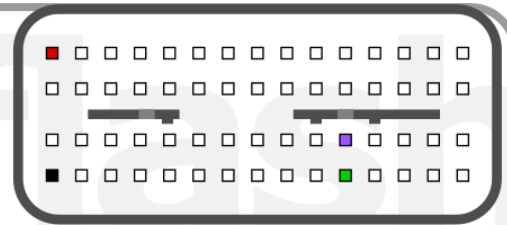
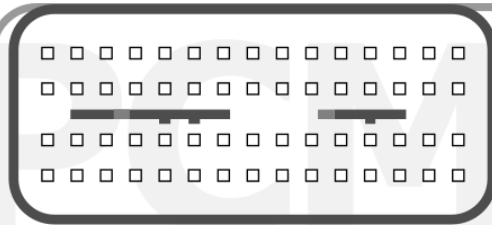
Engine Control Unit

MH8xxx

Connection version 1

L

R

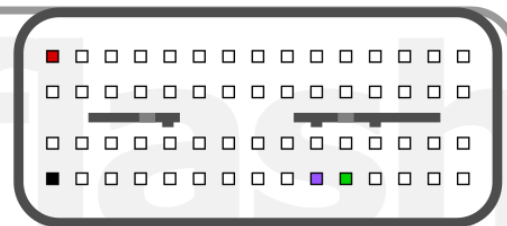
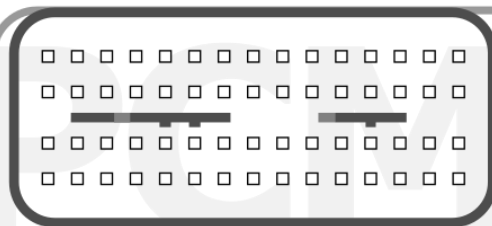


+12V	R: RED	GND	R: BLACK
Vpp	R: PURPLE	K-LINE	R: GREEN

Connection version 2

L

R

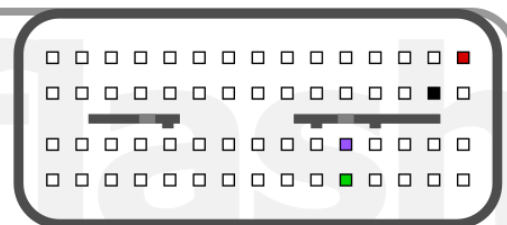
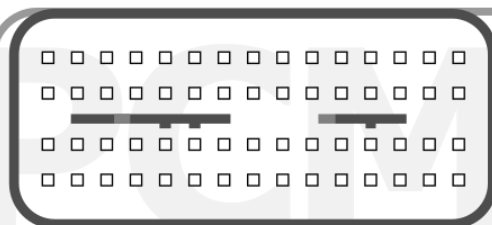


+12V	R: RED	GND	R: BLACK
Vpp	R: PURPLE	K-LINE	R: GREEN

Connection version 3

L

R



+12V	R: RED	GND	R: BLACK
Vpp	R: PURPLE	K-LINE	R: GREEN

MAZDA 3/5/6/CX-7 Gen2

pcmflash.ru

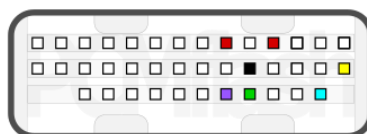
v.2

2025-05-05

PCMflash

Transmission Control Unit

Mazda TCM



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN
CAN-L	CYAN (Not used)	CAN-H	YELLOW (Not used)

MAZDA

pcmflash.ru

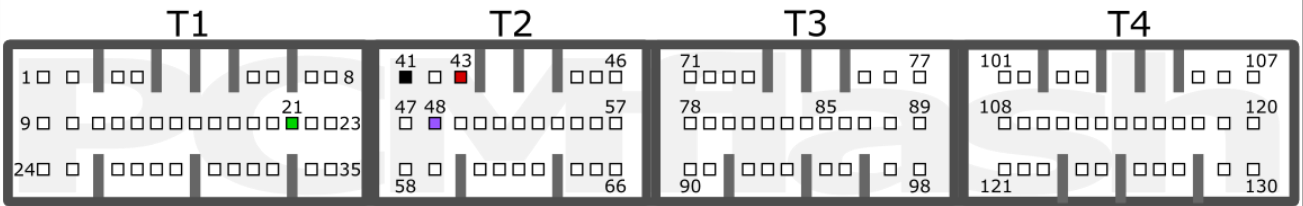
v.1

2025-05-05

PCMflash

Engine Control Unit

MH7203F



+12V	T2: 43	GND	T2: 41
Vpp	T2: 48	K-LINE	T1: 21

SUZUKI GRAND VITARA MT 2004

pcmflash.ru

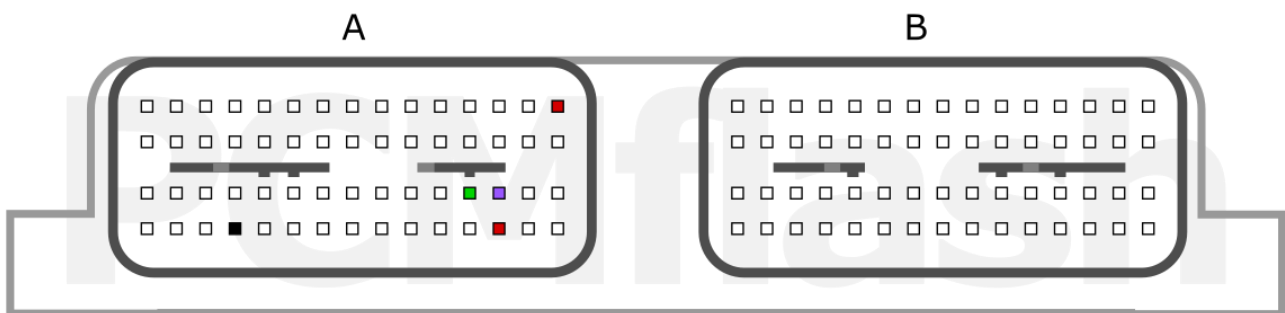
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8102F



+12V	A: RED	GND	A: BLACK
Vpp	A: PURPLE	K-LINE	A: GREEN

SUZUKI

pcmflash.ru

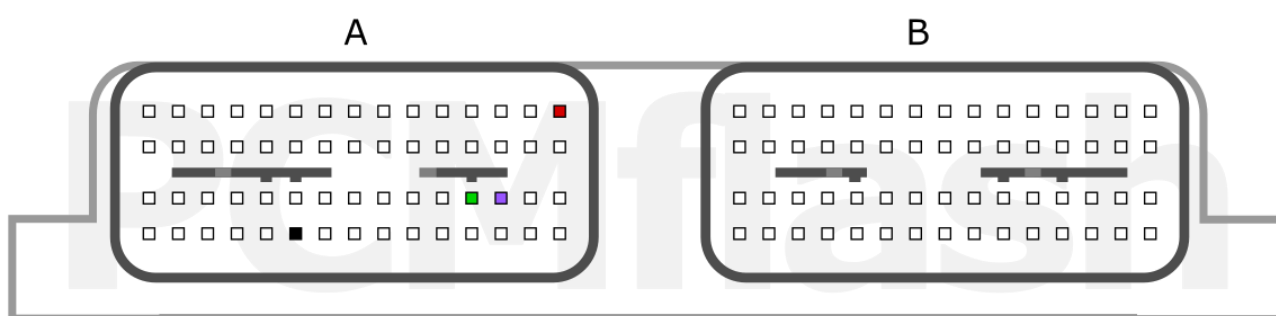
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8104F



+12V	A: RED	GND	A: BLACK
Vpp	A: PURPLE	K-LINE	A: GREEN

SUZUKI

pcmflash.ru

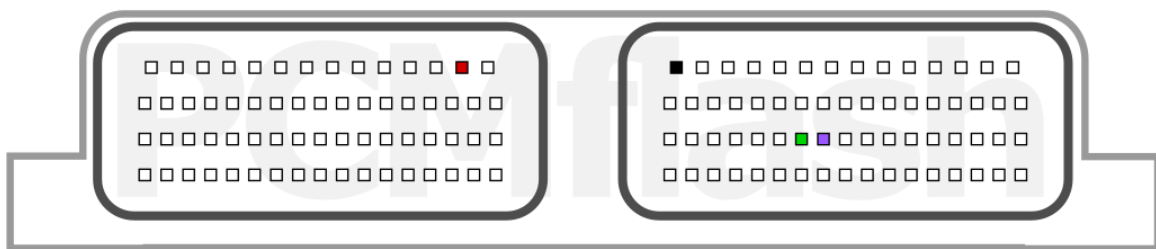
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8115F



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN

SUZUKI

pcmflash.ru

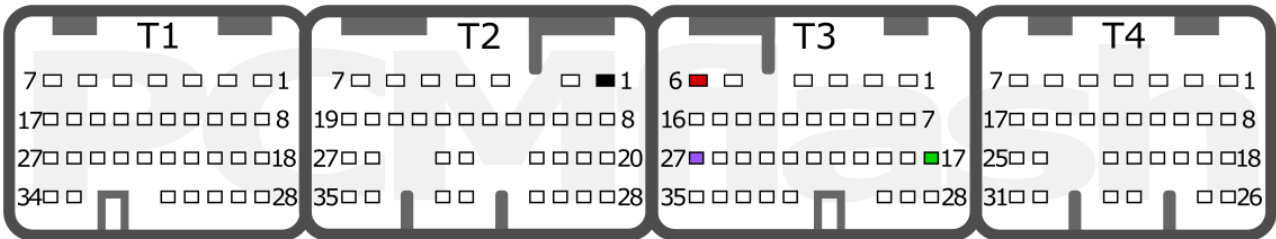
v.2

2025-05-05

PCMflash

Engine Control Unit

MH8305F



+12V	T3: 6	GND	T2: 1
Vpp	T3: 27	K-LINE	T3: 17

SUZUKI GRAND VITARA

pcmflash.ru

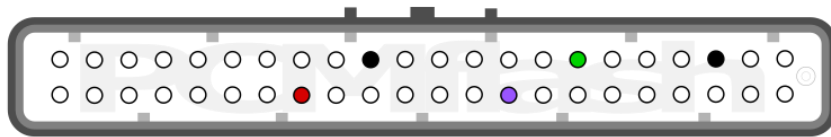
v.2

2025-05-05

PCMflash

Engine Control Unit

MH7203F



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN

SUZUKI BOAT DF50

pcmflash.ru

v.2

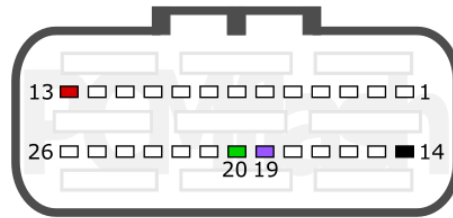
2025-05-05

PCMflash

Engine Control Unit

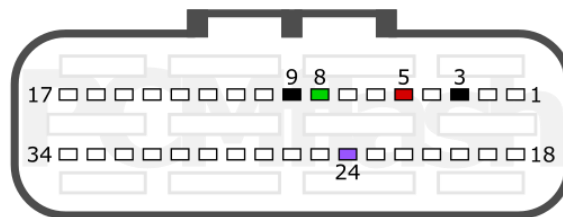
MH8xxx

TYPE 1



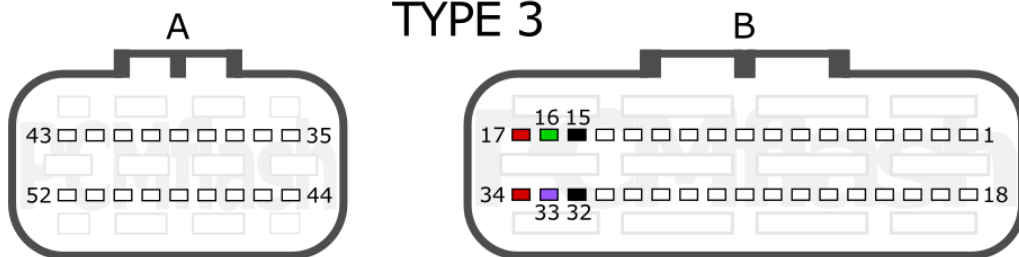
+12V	13	GND	14
Vpp	19	K-LINE	20

TYPE 2



+12V	5	GND	3, 9
Vpp	24	K-LINE	8

TYPE 3



+12V	B: 17, 34	GND	B: 15, 32
Vpp	B: 33	K-LINE	B: 16

SUZUKI BOAT DF9.9 DF15

pcmflash.ru

v.2

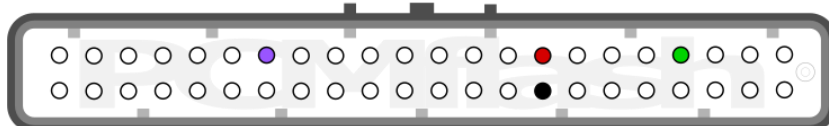
2025-05-05

PCMflash

Engine Control Unit

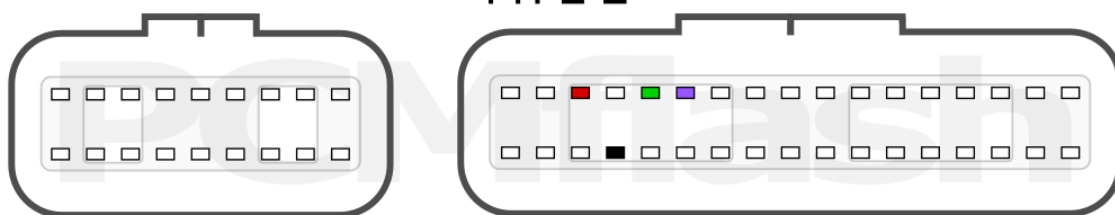
MH8102F

TYPE 1



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN

TYPE 2



+12V	RED	GND	BLACK
Vpp	PURPLE	K-LINE	GREEN

YAMAHA