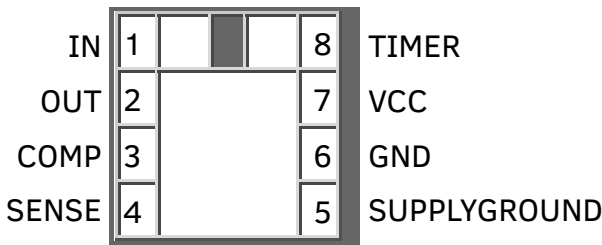


### C3 Chipset

- [16003640 : LM1949 Injector Drive Controller](#)
  - [16006630 : N82S181 1K\\*8 PROM](#)
  - [16007757 : LM9044 Lambda Sensor Interface Amplifier](#)
  - [16021633 : CPU](#)
  - [160????? : ROM/RAM/IO](#)
  - [16023262 : TL532/ADC0829/MC14442 Analog to Digital Converter](#)
  - [16023263 : Engine Control Unit](#)
  - [16023264 : Redundant Fuel Device \(MAP\)](#)
  - [16023265 : Clock Generator](#)
  - [16023266 : IAC Driver](#)
  - [16024824 : SN75437/DS3658 Quad Driver](#)
  - [16026403 : TMS2532 4K\\*8 EPROM](#)
  - [16032500 : 2732 4K\\*8 EPROM](#)
  - [16035994 : Power Supply Controller](#)
  - [16034993 : IAC Driver](#)
  - [16043538 : EST Interface](#)
  - [16060904 : DS3668 Quad Driver](#)
  - [25054339 : LM1819 Air-Core Meter Driver](#)
- 

#### 16003640 : LM1949 Injector Drive Controller

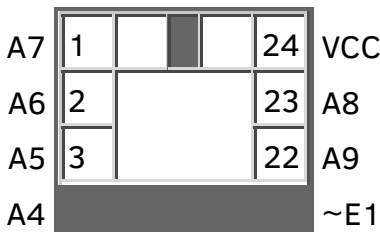


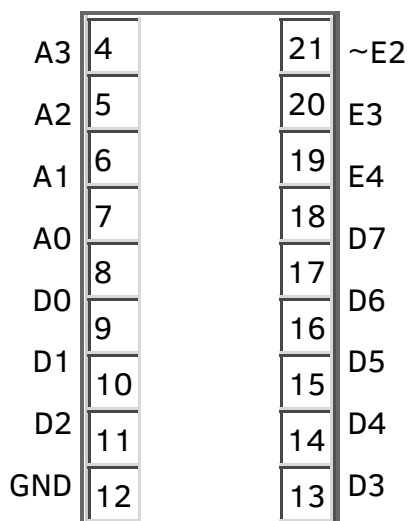
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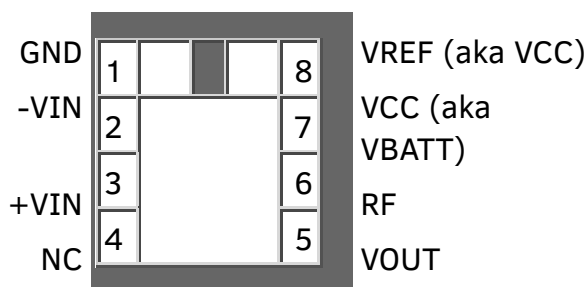
#### 16006630 : N82S181 1K\*8 PROM






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## 16007757 : LM9044 Lambda Sensor Interface Amplifier

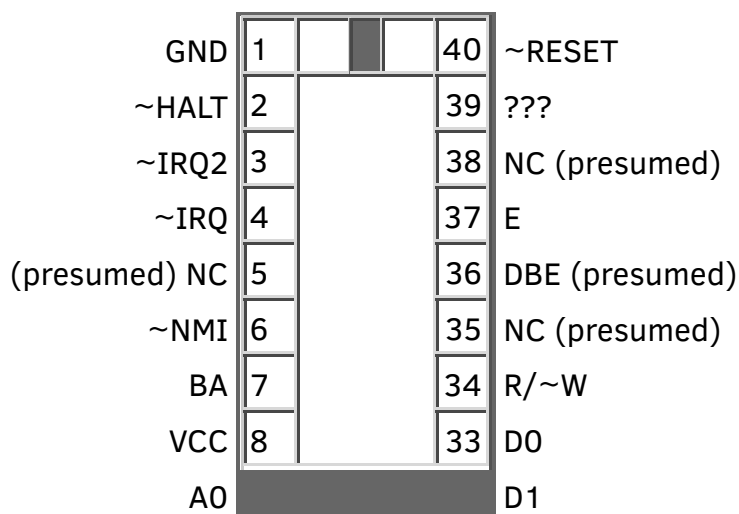


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## 16021633 : CPU



A1	9		32	D2
A2	10		31	D3
A3	11		30	D4
A4	12		29	D5
A5	13		28	D6
A6	14		27	D7
	15		26	
A7	16		25	A15
A8	17		24	A14
A9	18		23	A13
A10	19		22	A12
A11	20		21	GND

## 160????? : ROMRAMIO

GND	1			40	A0
A1	2			39	A2
A3	3			38	A4
A5	4			37	A6
D0	5			36	PIO0
D1	6			35	PIO1
D2	7			34	PIO2
D3	8			33	PIO3
D4	9			32	PIO4
D5	10			31	PIO5
D6	11			30	PIO6
D7	12			29	PIO7
A7	13			28	E
A15	14			27	~RESET
A8	15			26	VCCSTANDBY
A14	16			25	VCC
A9	17			24	???
A13					R/~W

A10	18		23	ROMENABLE
	19		22	
A11	20		21	A12

## 16023262 : TL532/ADC0829/MC14442 Analog to Digital Converter

REF low	1		28	REF high
GND	2		27	VCC
D7	3		26	AN0
D6	4		25	AN2
D6	5		24	AN3
D4	6		23	AN4
D3	7		22	AN5
D2	8		21	AN10
D1	9		20	AN11
D0	10		19	AN12
R/~W	11		18	AN13
E	12		17	AN14
A1	13		16	AN15
~CS	14		15	~RESET

## 16023263 : Engine Control Unit

GND	1		40	A2
A1	2		39	A3
R/~W	3		38	A4
CS2	4		37	A5
~CS1	5		36	INJREF
E	6		35	SPARKREF
INJ1	7		34	ESTLOOP
INJ2				GATE

SPARK	8	33	KNOCK
ONESHOT1	9	32	VSS
ONESHOT2	10	31	MAF
PWM1	11	30	~RESET
PWM2	12	29	???
PWM3	13	28	SES
~IRQ	14	27	COP
NC	15	26	VCC
D0	16	25	D7
D1	17	24	D6
D2	18	23	D5
D3	19	22	D4
	20	21	

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## 16023264 : Redundant Fuel Device (MAP)

GND	1		28	(to CALPAK)
C	2		27	(to CALPAK)
(to CALPAK)	3		26	(to CALPAK)
(to CALPAK)	4		25	(to CALPAK)
(to CALPAK)	5		24	(to CALPAK)
CTS	6		23	(to CALPAK)
ENABLE	7		22	MAP
REF	8		21	TPS
CRANKING	9		20	OSC
REFOUT	10		19	???
CTSENABLE	11		18	VCC
INJOUT	12		17	PUMP
INJSYNC	13		16	~RESET
INJASYNC	14		15	SENTRY

---

## 16023265 : Clock Generator

XTALOUT	1			8	VCC
XTALIN	2			7	E
GND	3			6	NC
GND	4			5	NC

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## 16023266 : IAC Driver

## 16034993 : IAC Driver

IAC A HI	1			
IAC A LO	2			
GND	3			
IAC B LO	4			
IAC B HI	5			
BPOL (1: HI>LO)	6			
VBATT	7			
ENABLE	8			
APOL (1: HI>LO)	9			

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## 16024824 : SN75437/DS3658 Quad Driver

## 16060904 : DS3668 Quad Driver

OUT1	1			16	IN1
CLAMP1	2			15	IN2
OUT2	3			14	EN
GND	4			13	GND
GND	5			12	GND
OUT3	6			11	VCC
CLAMP2	7			10	IN3
OUT4	8			9	IN4

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# 16026403 : TMS2532 4K\*8 EPROM

A7	1		24	VCC
A6	2		23	A8
A5	3		22	A9
A4	4		21	VPP
A3	5		20	PD/~PGM
A2	6		19	A10
A1	7		18	A11
A0	8		17	D7
D0	9		16	D6
D1	10		15	D5
D2	11		14	D4
GND	12		13	D3

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# 16032500 : 2732 4K\*8 EPROM

A7	1		24	VCC
A6	2		23	A8
A5	3		22	A9
A4	4		21	A11
A3	5		20	~OE/VPP
A2	6		19	A10
A1	7		18	~CS
A0	8		17	D7
D0	9		16	D6
D1	10		15	D5
D2	11		14	D4
GND	12		13	D3

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# 16035994 : Power Supply Controller

~RESET	1			16	(see schematic)
(see schematic)	2			15	(see schematic)
GND	3			14	(see schematic)
VCCSTANDBY	4			13	(see schematic)
VCCSTANDBY	5			12	(see schematic)
VBATT	6			11	(see schematic)
(see schematic)	7			10	(see schematic)
(see schematic)	8			9	(see schematic)

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## 16043538 : EST Interface

DISTLO	1			16	DISTHI
DISTDIFF	2			15	INVbIN
BYPASS	3			14	INVbOUT
GND	4			13	~RESET
INVaOUT	5			12	SENTRY
INVaIN	6			11	VCC
SPARK	7			10	OSC
EST	8			9	ESTLOOP

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## 25054339 : LM1819 Air-Core Meter Driver

COMMON	1			14	GND
SINE	2			13	V+
NC	3			12	COSINE
REF	4			11	REG
-INPUT	5			10	B
+INPUT	6			9	C
GND	7			8	NORTON

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